

# Exterior application

2026 Product Catalogue



Est. Since 2002

**DOOYA**<sup>®</sup>  
TUBULAR MOTOR





Please scan QR code to download

**2026 E-Catalogue**

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杜亚 DOOYA  
YUBULUER MOTOR

杜亚 DOOYA  
YUBULUER MOTOR

杜亚 DOOYA  
YUBULUER MOTOR

A modern multi-story building with a glass and brick facade. The DOOYA logo is prominently displayed on the left side. The building is set against a blue sky with white clouds and green trees in the foreground.

**DOOYA**

**95,000**

sqm / 113,620 sqyd  
production space

**3,000**

employees

**309**

million USD  
Annual turnover  
in year 2025

**12**

million  
motors  
Annual output

**70%**

of China market

**20**

million electronic  
control units  
Annual output

**No.1**

Tubular motor  
manufacturer  
worldwide

**No.1**

China's No.1  
OEM/ODM tubular  
motor supplier for  
overseas market



*Dooya has constantly invested in testing labs and life cycle test in addition to regular quality inspection procedures, tens of thousands motors are put through life cycle test every year for minimum 10,000 cycles to ensure the warranty for 5 years.*

# Product Certification



CE Certification  
(Europe)



TUV Certification  
(Germany)



VDE Certification  
(Germany)



NF Certification  
(France)



IC Certification  
(Canada)



Reach Certification  
(Europe)



Global Environment Protection Certification



UL Certification  
(North America)



ETL Certification  
(Canada & US)



Wireless Emission Frequency Certification  
(US)



MIC Certification  
(Japan)



KC Certification  
(Korea)



3C Certification  
(China)



Saber Certification  
(Saudi Arabia)



UKCA Certification  
(England)



S-MARK Certification  
(Argentina)



INMETRO Certification  
(Brazil)



NCC Certification  
(China Taiwan)



RCM Certification  
(Australia)



ISO9001 Quality Management System Certification



ISO14001 Environment Management System Certification



ISO45001 Occupational Health & Safety Management

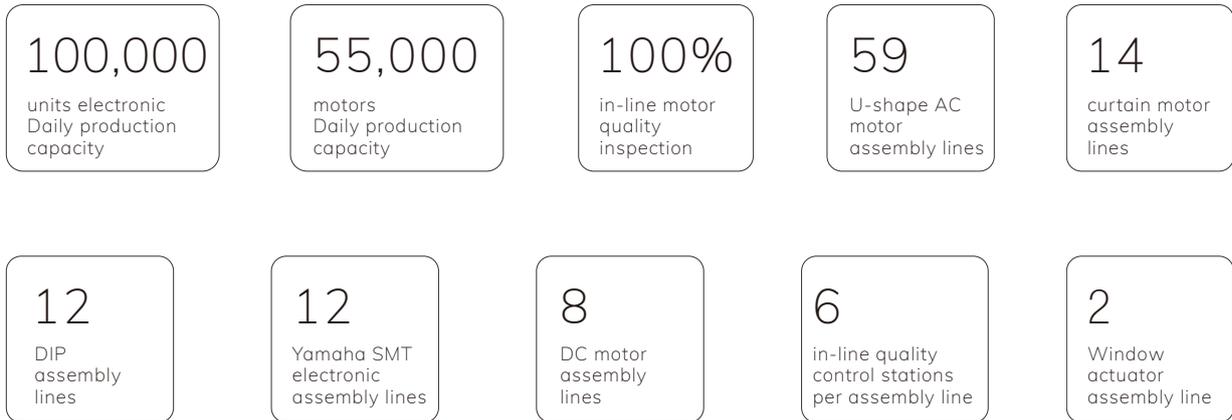


Electronic Assembly



Motor Production

# Electronic Assembly & Motor Production



- Computerized assembly-line monitoring system
- ICP test and CCD Automated Visual Inspection System
- ERP assisted order, production and logistics management system
- Lean production system implemented
- Barcode tracking system for flow of materials and goods
- Systematic on-job skill training and off-site development for employees



Electronic Test



Finished Product Warehouse



# Trade Fair Presence



**R+T**  
Germany & China



**Heimtextil Frankfurt**  
Germany



**IWCE**  
US



**Sun Shading Expo**  
US



**Batimat Paris**  
France





# Project References



Hilton Hotel



JW Marriott Hotel



Westin Hotel



HYATT Hotel



Courtyard Hotel



Kempinski hotel



Crowne Plaza



Nanyuan Hotel



Narada Resort & Spa Perfume Bay



Century Luxury Hotel



Shanghai Volkswagen



Banyan Tree Hotel



INTERCONTINENTAL

Intercontinental Hotel



LANDISON

Landison



SHANGRI-LA

Shangri-la Hotel



Beijing National Stadium



chinano

SIP BioBay Suzhou



Howard Johnson

Oriental Deluxe Hotel



AMD China headquarters



EGO Digital Headquarters



LG Meeting Room



Sofitel Hotel



中国建设银行  
China Construction Bank



IBM Office Building



Harmony Train Locomotive Shade



Taipei IOI



Sany heavy industry



SAMSUNG Electronics (China)



中国工商银行  
ICBC



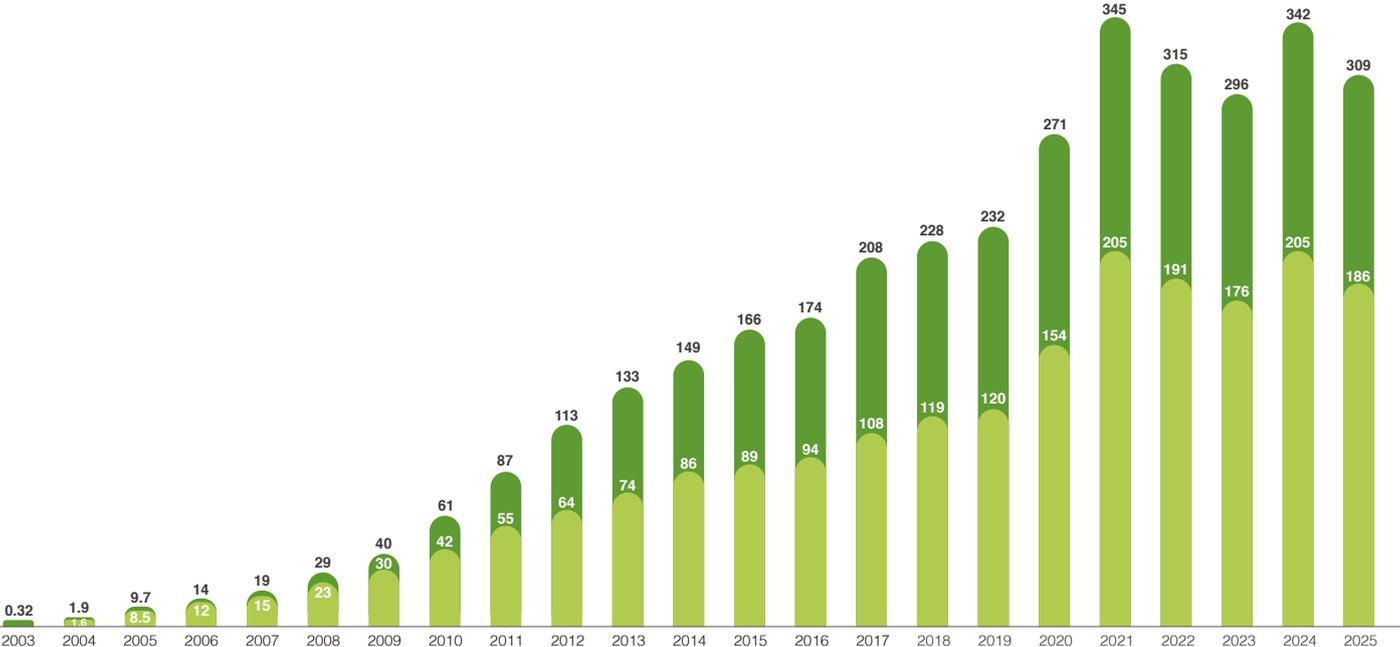
Baiyun International Airport

# Business Performance

## DOOYA ANNUAL TURNOVER (2003~2025)

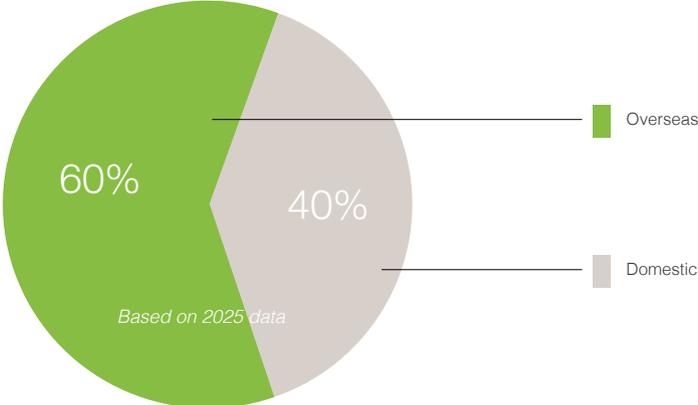
Unit: 1 million usd

● Export Market ● Total Turnover



## BUSINESS BREAKDOWN

In year 2025, DOOYA's total turnover reached USD309 Million, with USD186 Million (60%) from overseas market and USD123 Million (40%) from domestic market. DOOYA brand product is promoted in China market and OEM/ODM products are offered to overseas market.



# Export Market

## INTERNATIONAL MARKET

Customers & Partners In 100+ Countries

### North America

Bahamas  
Canada  
Costa Rica  
Cuba  
Dominica  
Dominican Republic  
Greenland  
Guatemala  
Honduras  
Jamaica  
Mexico  
Panama  
United States

### Europe

Albania  
Austria  
Belgium  
Belarus  
Bosnia & Herzegovina  
Bulgaria  
Croatia  
Cyprus  
Czech Republic  
Denmark  
Estonia  
Finland  
France  
Germany  
Greece  
Hungary  
Iceland  
Ireland  
Italy  
Latvia  
Lithuania  
Luxembourg  
Malta  
Netherlands  
Norway  
Poland  
Portugal  
Romania  
Russia  
Serbia  
Slovakia  
Slovenia  
Spain  
Sweden  
Switzerland  
Türkiye  
Ukraine  
United Kingdom

### Other Regions

Australia  
Fiji Islands  
New Zealand

### South America

Argentina  
Bolivia  
Brazil  
Chile  
Colombia  
Ecuador  
Guyana  
Paraguay  
Peru  
Suriname  
Uruguay  
Venezuela

### Africa

Algeria  
Congo  
Egypt  
Ethiopia  
Kenya  
Libya  
Mauritius  
Morocco  
Mozambique  
Nigeria  
South Africa  
Tunisia

### Asia

Armenia  
Azerbaijan  
Bangladesh  
Brunei  
Cambodia  
Georgia  
India  
Indonesia  
Iran  
Iraq  
Israel  
Japan  
Jordan  
Kazakhstan  
Korea  
Kuwait  
Laos  
Lebanon  
Malaysia  
Maldives  
Mongolia  
Myanmar  
Nepal  
Oman  
Pakistan  
Palestine  
Philippines  
Qatar  
Saudi Arabia  
Singapore  
Sri Lanka  
Saint Martin  
Syria  
Tajikistan  
Thailand  
Turkmenistan  
UAE  
Uzbekistan  
Vietnam

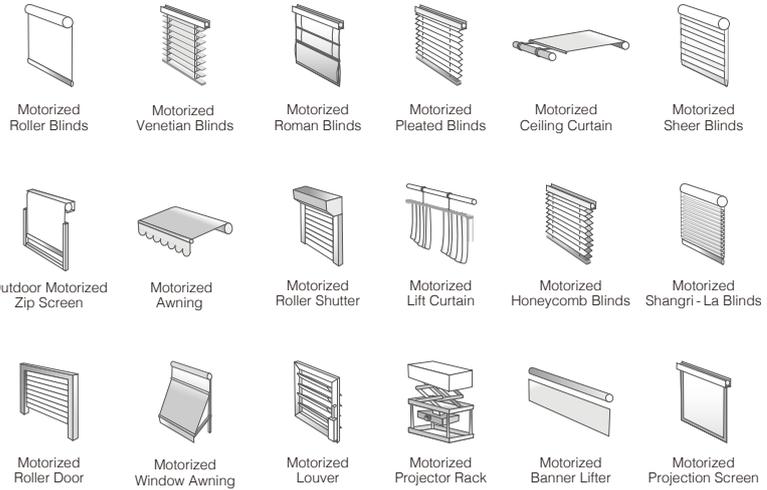


# Main Product Categories

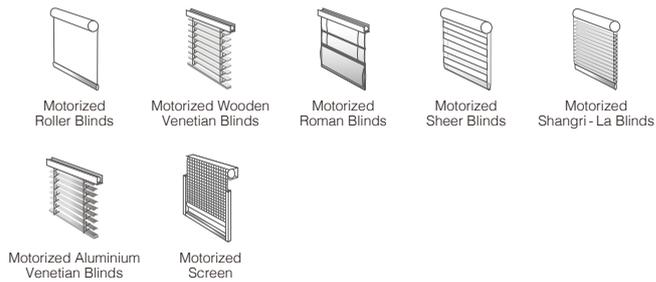
## Application



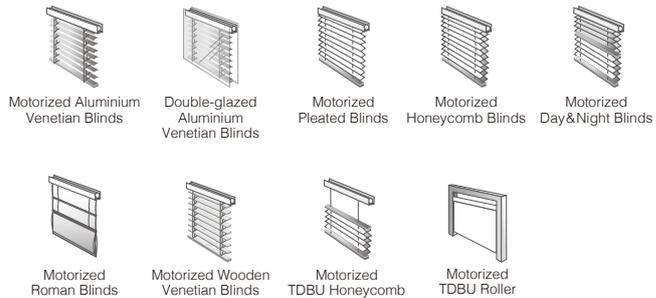
Tubular Motor  
DM



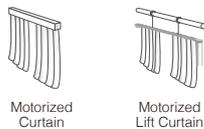
DC Tubular Motor  
DM



Venetian Motor  
DV



Curtain Motor  
DT

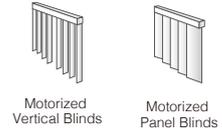


**Application**

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Vertical Blinds  
& Panel Blinds Motor  
DK



Motorized  
Vertical Blinds

Motorized  
Panel Blinds



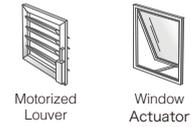
Outdoor Venetian Motor  
DV



Motorized Aluminium  
Venetian Blinds



Window Actuator  
DJ



Motorized  
Louver

Window  
Actuator



Pergola Motor  
DJ



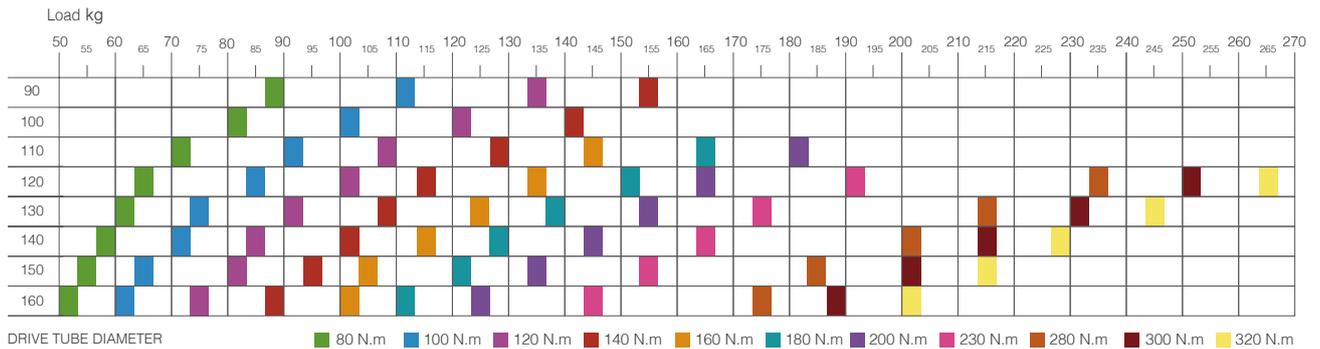
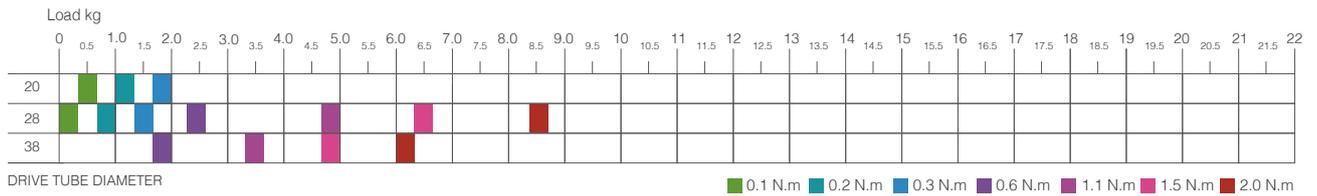
Pergola



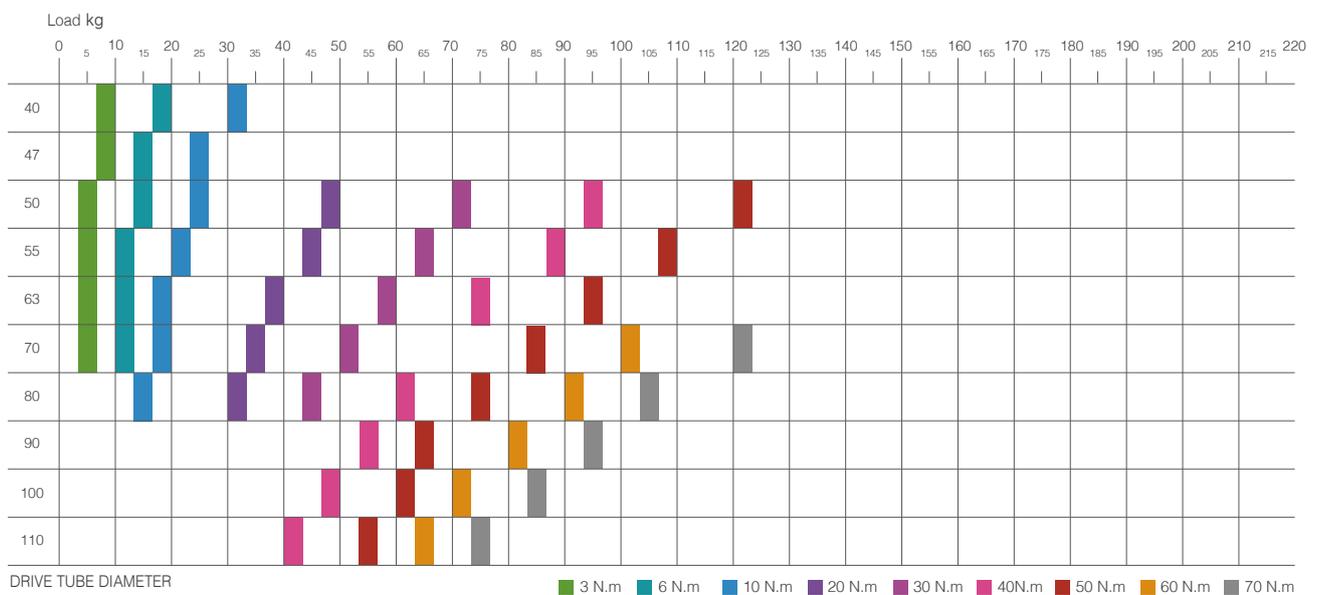
Control System  
DD

*Compatible With  
All Dooya Products*

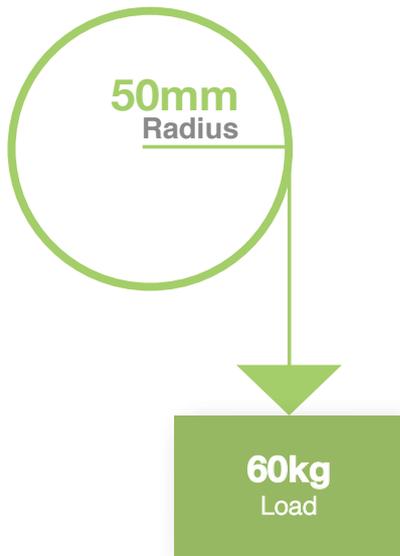
# Technical Support



Remark:Diagram here is only reference for end users



# Quick Calculation Of Torque & Weight



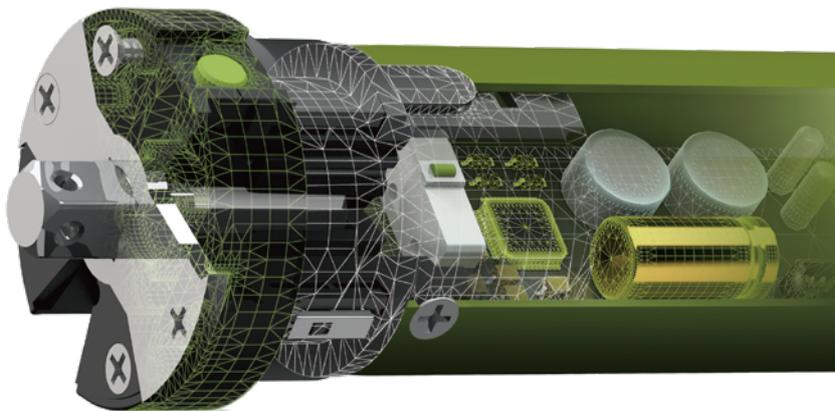
? N·m

$$\begin{aligned} \text{Torque (N.m)} &= \text{Radius (mm)} \times \text{Load (kg)} \div 100 \\ &= 50 \text{ (mm)} \times 60 \text{ (kg)} \div 100 = 30 \text{ (N.m)} \end{aligned}$$

? kg

$$\begin{aligned} \text{Load (Kg)} &= \text{Torque (N.m)} \times 100 \div \text{Radius (mm)} \\ &= 30 \text{ (N.m)} \times 100 \div 50 \text{ (mm)} = 60 \text{ (kg)} \end{aligned}$$

Remark: Calculation in diagram base on the Newton's Law  
(1 " = 25.4mm 1 pound = 0.454Kg)



# Dooya Quiet Motor Double Helical

## Gear Technology

<b>Double Helical Gear Technology</b>	Quiet Motor	Q Series	QA Series	30dB
<b>Helical Gear Technology</b>	Low-Noise Type Motor	SL Series	QL Series	35dB
<b>Standard Gear Technology</b>	Standard Motor	S Series	M Series	42dB









# Connector

Smart Motorization Made Easy

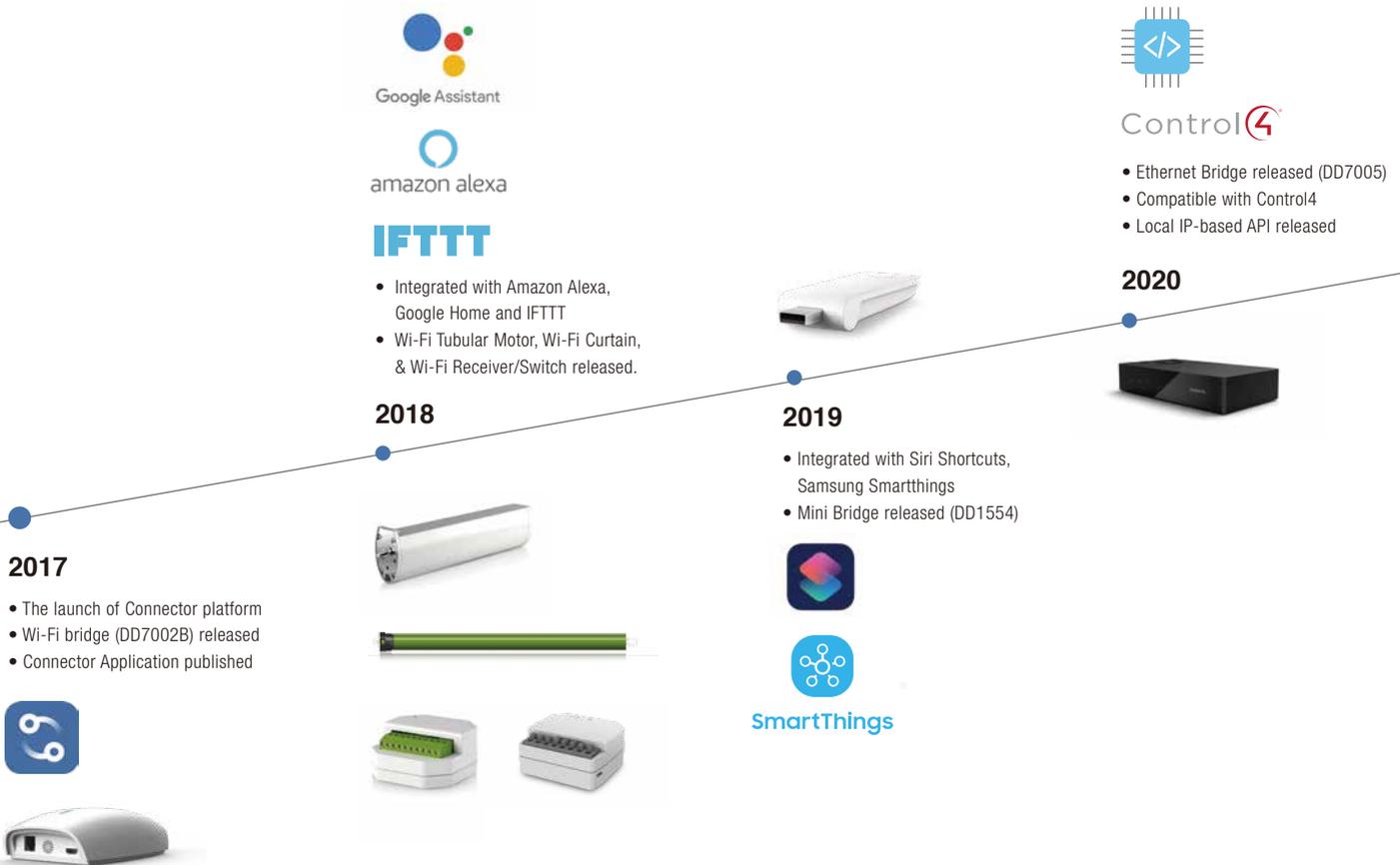
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# 02



## Smart life, easy control

Since the launch of the Connector platform in Q4 2017, we have been committed to innovation, continuously optimizing our products and services, and consistently introducing new features. As of now, over millions of window-covering motors/receivers have been connected to the Connector platform, and have experienced the benefits of smart home services through it.





### 2021

- P-Box released (DD7006/A/B/C)
- CloudAPI released
- Scene Switch released (DD6020)



**CRESTRON** **ELAN**  
**CRESTRON HOME™**

- Premium Mini Bridge Released (DD1554E)
- Integrated with Crestron, Crestron Home and ELAN

### 2022



### 2023

- Integrated with URC and RTI
- Connector I Matter Hub (M-Box DD7006M) released
- Connector I Matter Tubular Motor released
- Connector I Matter Curtain released
- Connector Web Control released
- Connector Local-Hub (DD7006D) released



- Integrated with Home Assistant
- Connector I Matter Hub (ME-Box DD7066M) released

### 2024

### 2025

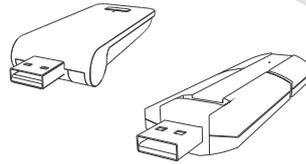
- Dual-Band Wi-Fi 6 Hubs & Motors
- Dual-Band Dual-Mode Matter Motors



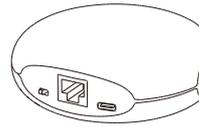


## Hubs & Bridges

### Connector Bridges



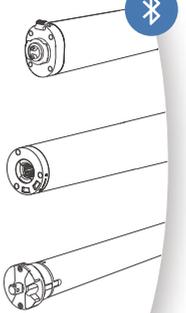
### Connector | Matter Hubs



### Connector Local-Hub



## Motorized Shade

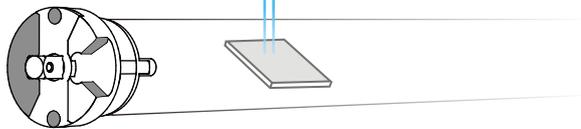


## Motorized Shade

Matter



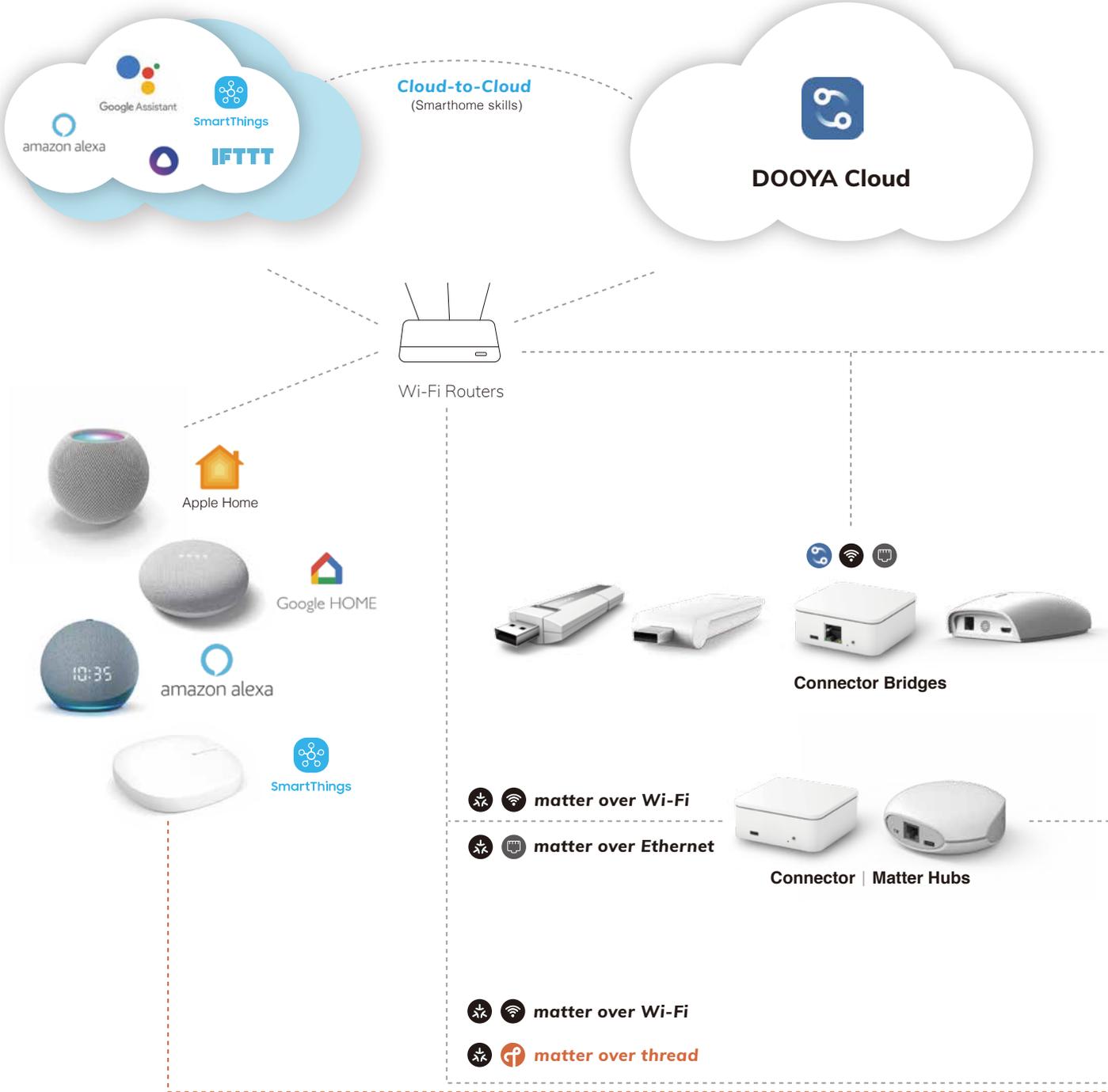
Connector



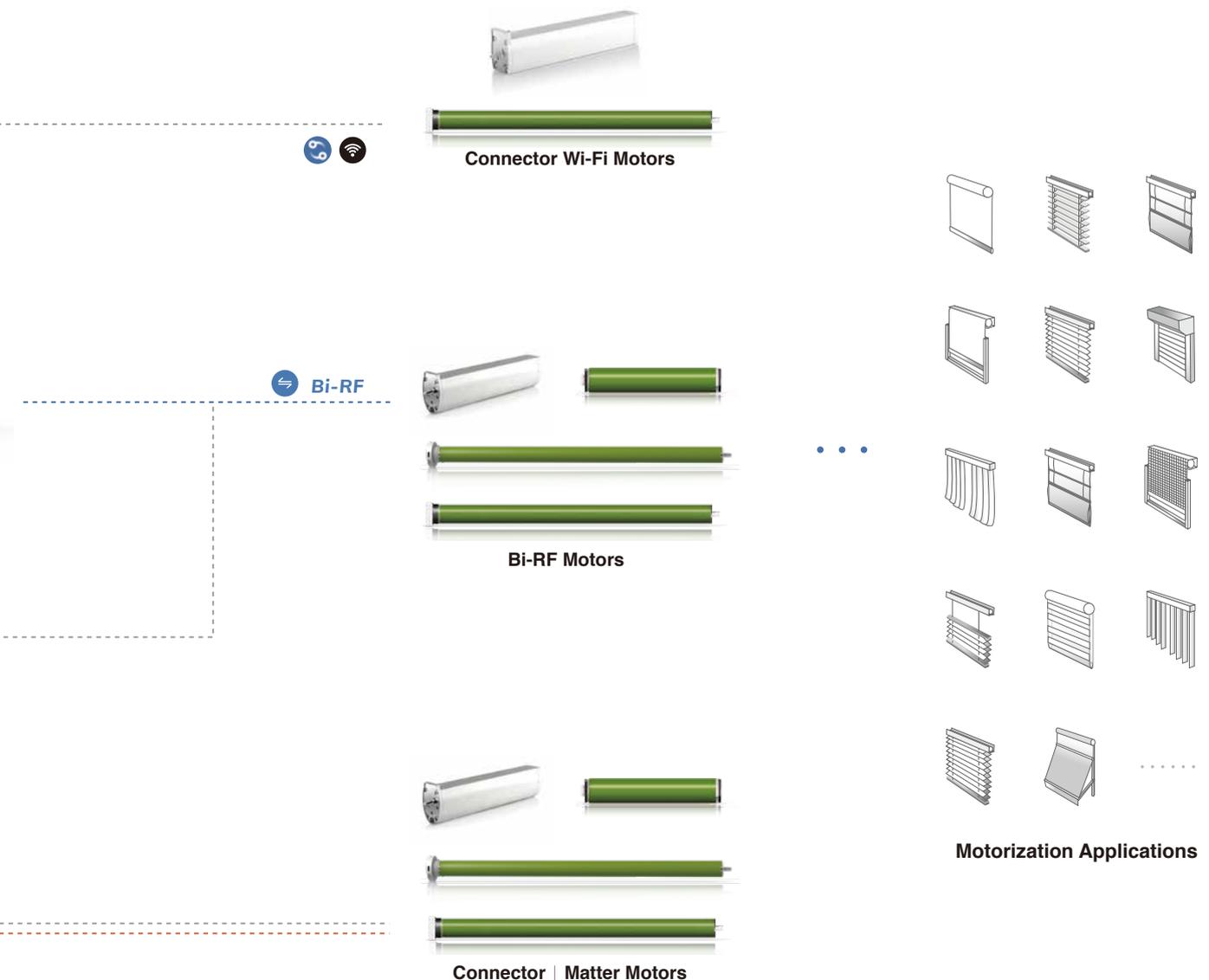
# Solution A

# Connect with Eco-System

for DIY & Installers



Connector system augments motorization as a key sub-sector to the mainstream IoT eco-systems: Apple Home, Amazon Alexa, Google Home, SmartThings, etc. It offers a professional and smart motorization solution to the end user/installers with flexible routes to a complete smart home and motorization job.

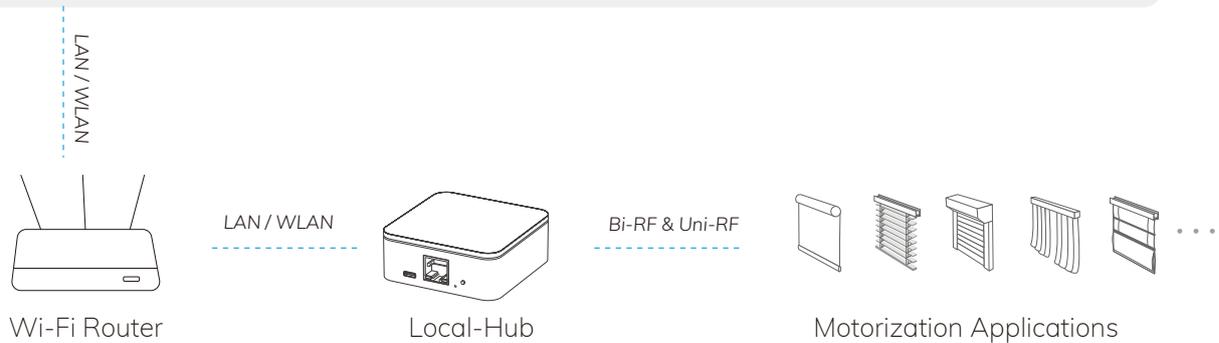


## Solution B

# Integrate with Home Automation Systems

for Home Automation Integrators & Installers

- Local IP-based (LAN/WLAN) integration
- Field-verified drivers available for home automation systems: Control4, Crestron, Crestron Home, ELAN, RTI and URC
- Support all types of interior and outdoor motorization application through Connector bridges



# LAN/WLAN only Local-Hub

Product Certification   



-  For 3rd Party Integration
-  Integration of Whole Range of Motorization

Local-Hub (DD7006D) is the LAN/WLAN hub for 3rd party automation systems.

Main features include:

- IP-based protocol @LAN /WLAN level available, designed for 3rd party IoT and automation Integration
- Compatible with home automation systems, such as Control4, Crestron, ELAN, URC, RTI, etc
- Hub configuration by embedded web via LAN/WLAN, no additional mobile APP required



 IP-based LAN/WLAN Integration

 433.92MHz

 Powered by USB Type-C

 0°C ~ 40°C

 Wi-Fi(2.4GHz) or Ethernet

 Max. 30 motors

 Hub configuration via embedded web

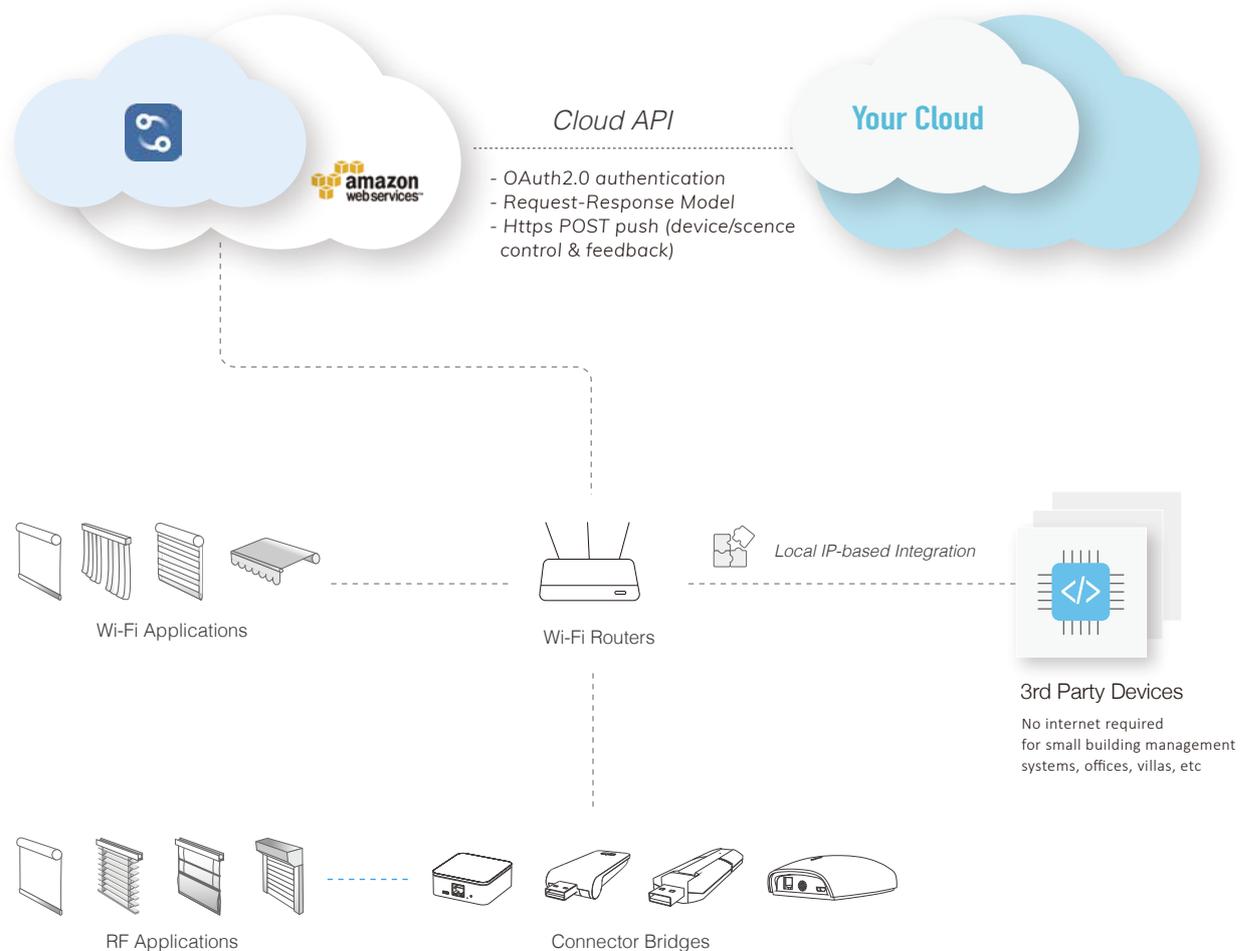
 L75\*W75\*H31.5(mm)

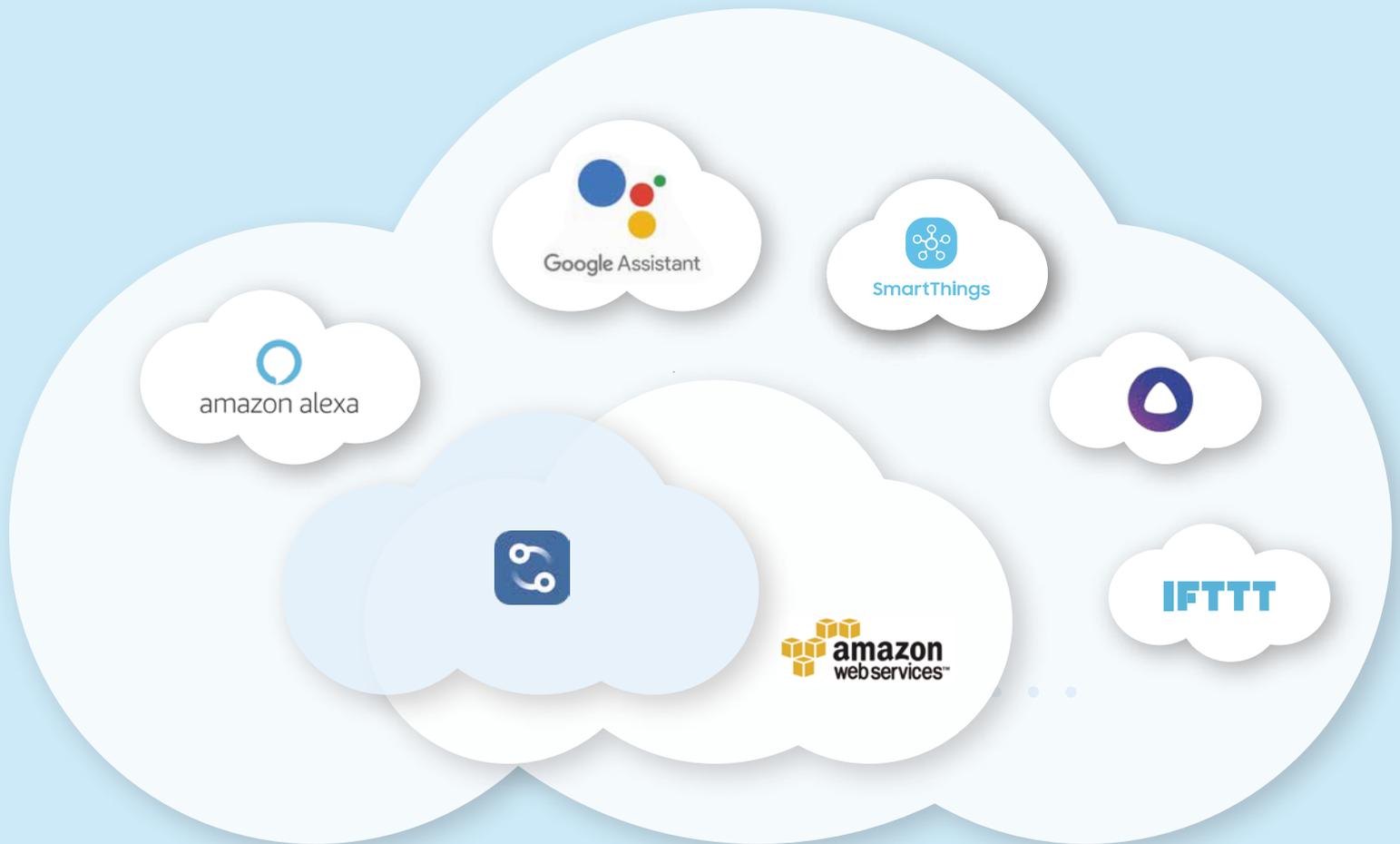
# Solution C

## Integration through Cloud or Local IP-based API

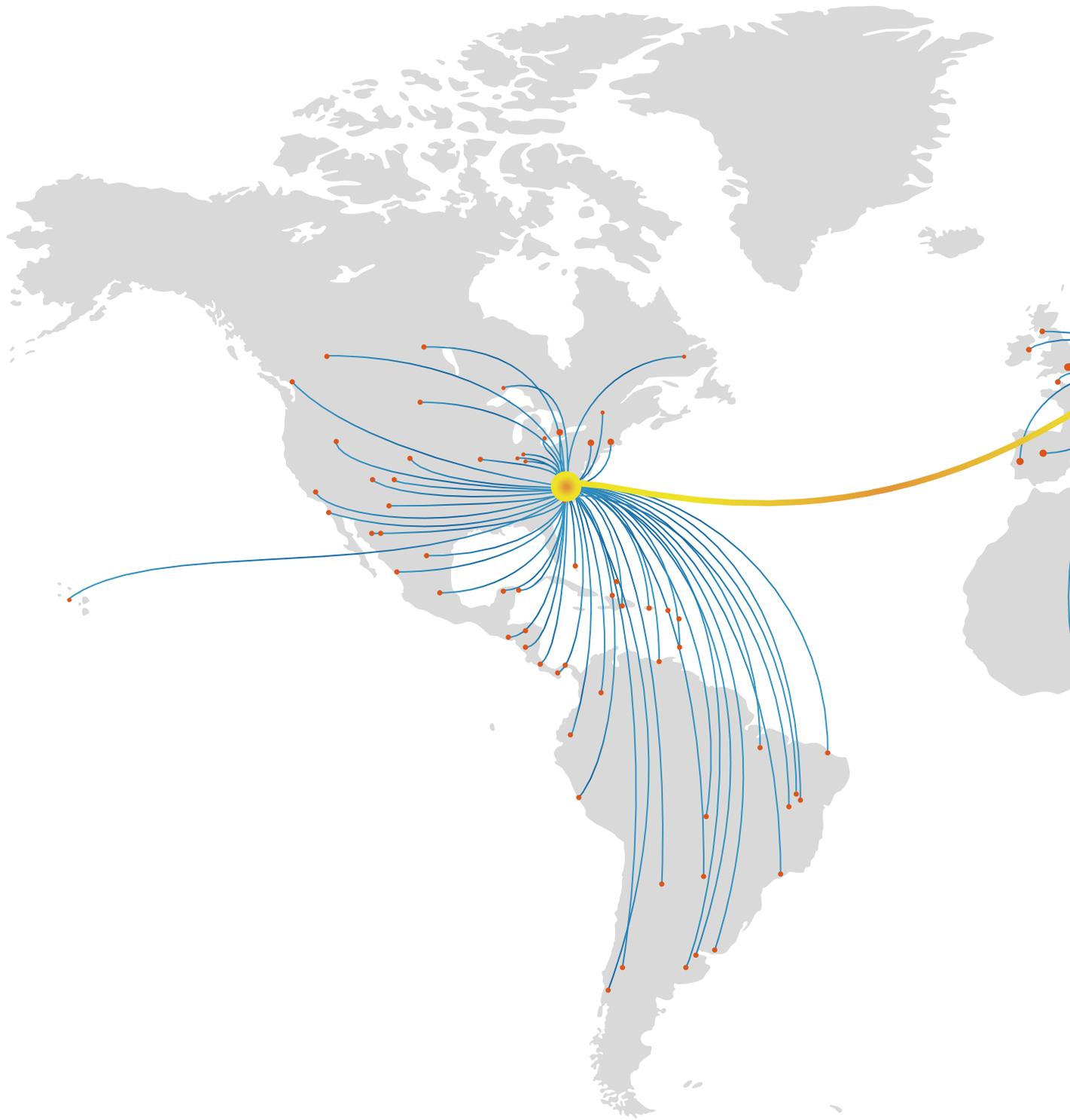
for Developers of 3rd party cloud or home automation systems

For professional developers, open API documentation for either cloud or local IP-based connection are available upon request, allowing swift integration of motorization solution into either a new eco-system or independent building management system.

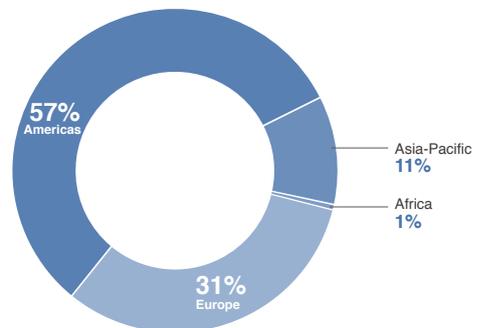


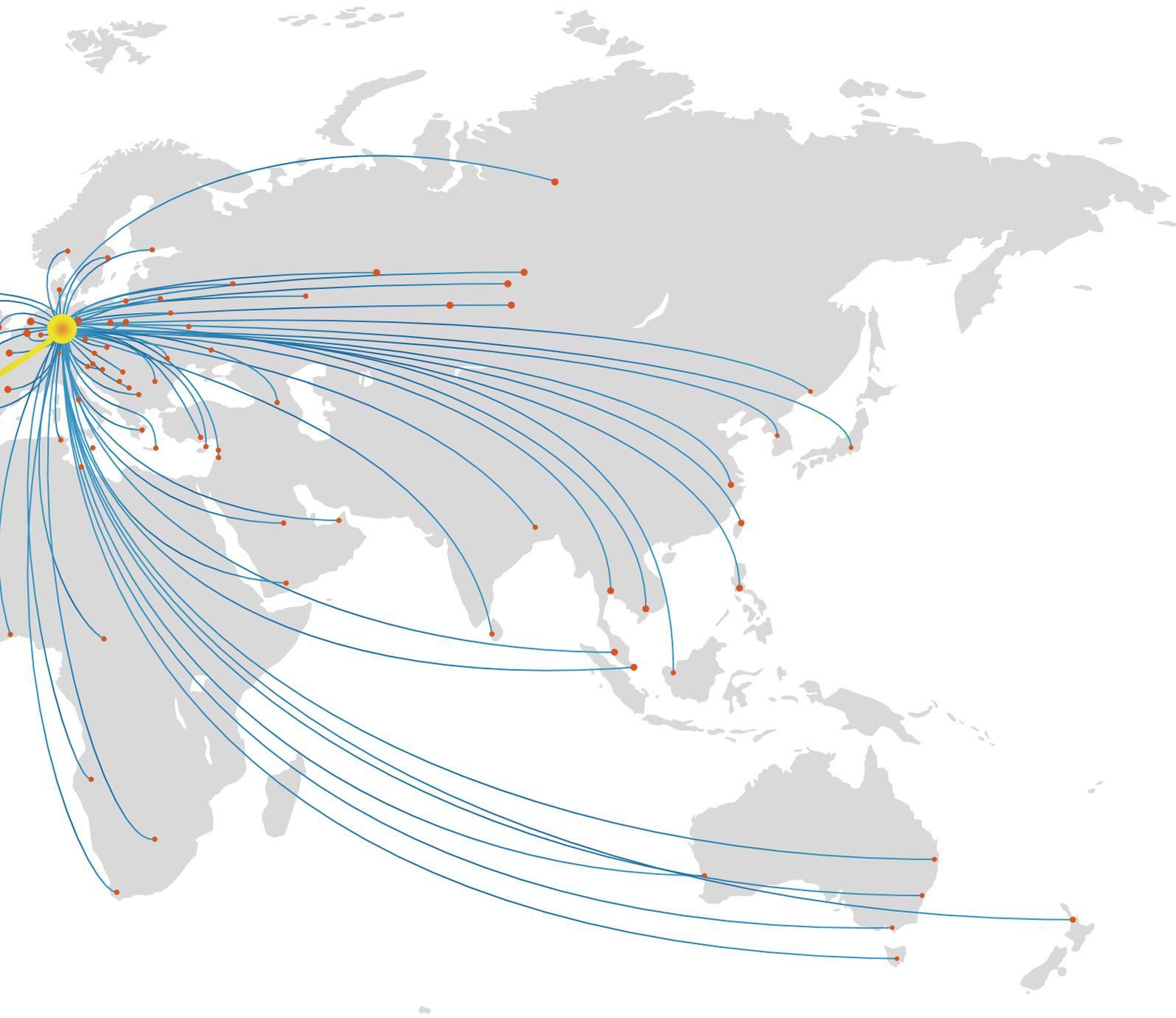


- Proprietary development based on AWS cloud-native
- Deployed in AWS US (N.Virginia, Ohio) & EU (Frankfurt) for enhanced connectivity, compliance and security



# Where the bridges are





Cloud server built on Amazon Web Services (AWS) platform  
Deployment in US East (N.Virginia, Ohio) and EU (Frankfurt)  
High level data security (SSL encryption)  
High-speed connection, minimized latency





Dual-Band Wi-Fi 6  
2.4GHz & 5GHz

with upgraded options

# P-Box



P-Box DD7006R  
L75\*W75\*H31.5 (mm)

- Dual-Band Wi-Fi 6 (2.4GHz & 5GHz), Ethernet
- For Radio+ Motor & Radio Motor

Hub configuration via bluetooth

OTA Firmware Update

Powered by USB Type-C or PoE

Dual-Band Wi-Fi 6 (2.4GHz & 5GHz), Ethernet

433.92MHz

Max. 20 rooms

0°C ~ 40°C

Max. 30 motors

Max. 20 Scenes & 20 Timers

P-Box is an evolved new generation of hub enabling adaptable and reliable interaction of motorized window covering system with cloud ecosystem such as Amazon Alexa, Google Assistant, IFTTT, Smartthings, etc, main features include:

- Straightforward LAN cable connection, or alternative Wi-Fi
- PoE or Type-C USB (5v DC) as backup
- Hub configuration via bluetooth (bt 4.2) from Smartphone, DIY/installer friendly
- Compatible with home automation system, such as Control4, Crestron, ELAN, URC, RTI, etc
- Open API @cloud level and @LAN/WLAN level available, more options for 3rd party IoT Integration

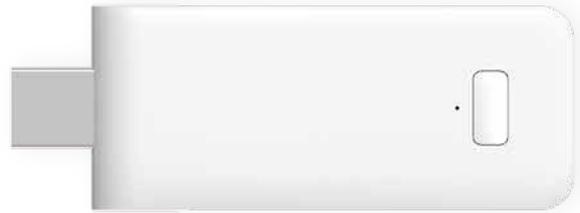
Models	Power		Network			Radio	
	PoE	USB Type-C	Ethernet (Connection Methods)	2.4GHz Wi-Fi (Connection Methods)	5GHz Wi-Fi (Connection Methods)	Radio+ Motor (Bidirectional)	Radio Motor (Unidirectional)
DD7006	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DD7006C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DD7006R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DD7006SA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Dual-Band Wi-Fi 6  
2.4GHz & 5GHz



Mini Bridge DD1654

2.4GHz Wi-Fi 4



Mini Bridge DD1554E

# Mini Bridge

Wi-Fi

For Radio+ Motor

Mini bridge is a Wi-Fi to RF+ interface. It builds a connection via user's Wi-Fi router at home and enables user to control motorized window covering and sunshading products with designated smartphone applications and interaction with ecosystem such as Amazon Alexa, Google Assistant, IFTTT and SmartThings, etc, via cloud API.

Hub configuration via bluetooth

Max. 30 motors

OTA Firmware Update

5V 1A(USB Type-A)

Max. 20 scenes

0°C ~ 40°C

DD1654 Dual-Band Wi-Fi 6  
(2.4GHz & 5GHz)

Max. 20 timers

FC, Canada, CE

DD1554E 2.4GHz Wi-Fi 4

Max. 20 rooms

## Works with



IFTTT



# Scene Switch

Bridge Required

The Scene Switch is a portable device for managing scenes, enabling control over your shades by activating pre-defined scenes assigned through the Connector App. Once configured, it operates independently without the need for internet access or a smartphone app.

 Works with Bridges

 CR2430 (DD6020)  
AAA\*1 (DD460H)

 Control max. 4 or 6 scenes  
(No internet requested)

 0°C ~ 40°C

 433.92MHz



4-channel Scene Switch DD6020



6-channel Scene Switch DD460H



Light Sensor DD1183H

# Light Sensor

Bridge Required

The sensor enhances shade control by coordinating with the bridge, allowing for the establishment of pre-defined rules to trigger specific scenes across multiple shades. This feature provides users with more flexible shade control options, ultimately improving the overall user experience.

# Wi-Fi Tubular Motor & Curtain Motor

Works with Google Assistant, Amazon Alexa, IFTTT and SmartThings 

Dual-Band Wi-Fi 6 (2.4GHz & 5GHz) 

Smartphone Control (Direct Wi-Fi Connection) 

Support motor status feedback 

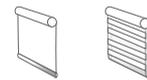
Firmware Update OTA 

Support Open/Up, Stop, Close/Down & Percentage control 

Works with Siri 



**AC** DM35F/SW & DM45E/SW



- Preferred Stop Position
- Electronic Limit
- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Radio Lock
- Jog Mode



**AC** 100-240V DT72TE/SW & DT72TV/SW



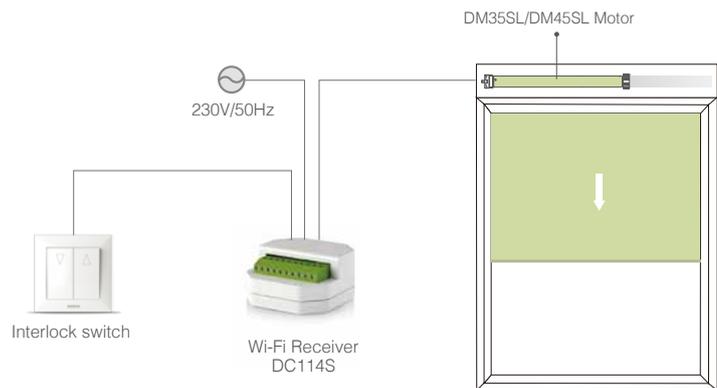
- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Manual Override
- Dry Contact Input
- Auto Limit Setting
- Stop/Run By Pulling Fabric

# Wi-Fi Receiver & Switch

-  Works with Google Assistant, Amazon Alexa, IFTTT & SmartThings
-  Smartphone Control (Direct 2.4GHz Wi-Fi Connection)
-  Works with Siri
- OTA Firmware Update



Wi-Fi Receiver DC114S

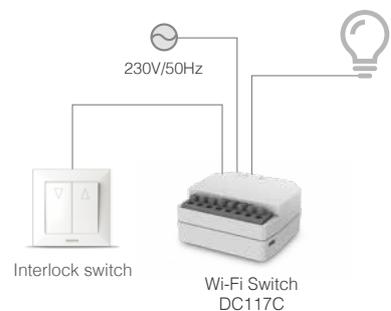


- One receiver per motor
- For motor up to 20N.m
- For standard or interlock wall switch
- Output Power: 300W
- Dimensions: 51\*51\*27 (mm)



Wi-Fi Switch DC117C

- External switch control
- Output Power: 200W
- Working Temperature: -10°C~50°C
- Dimensions: 48\*45\*23(mm)



Next-Gen smarthome standard



# “matter,” is here

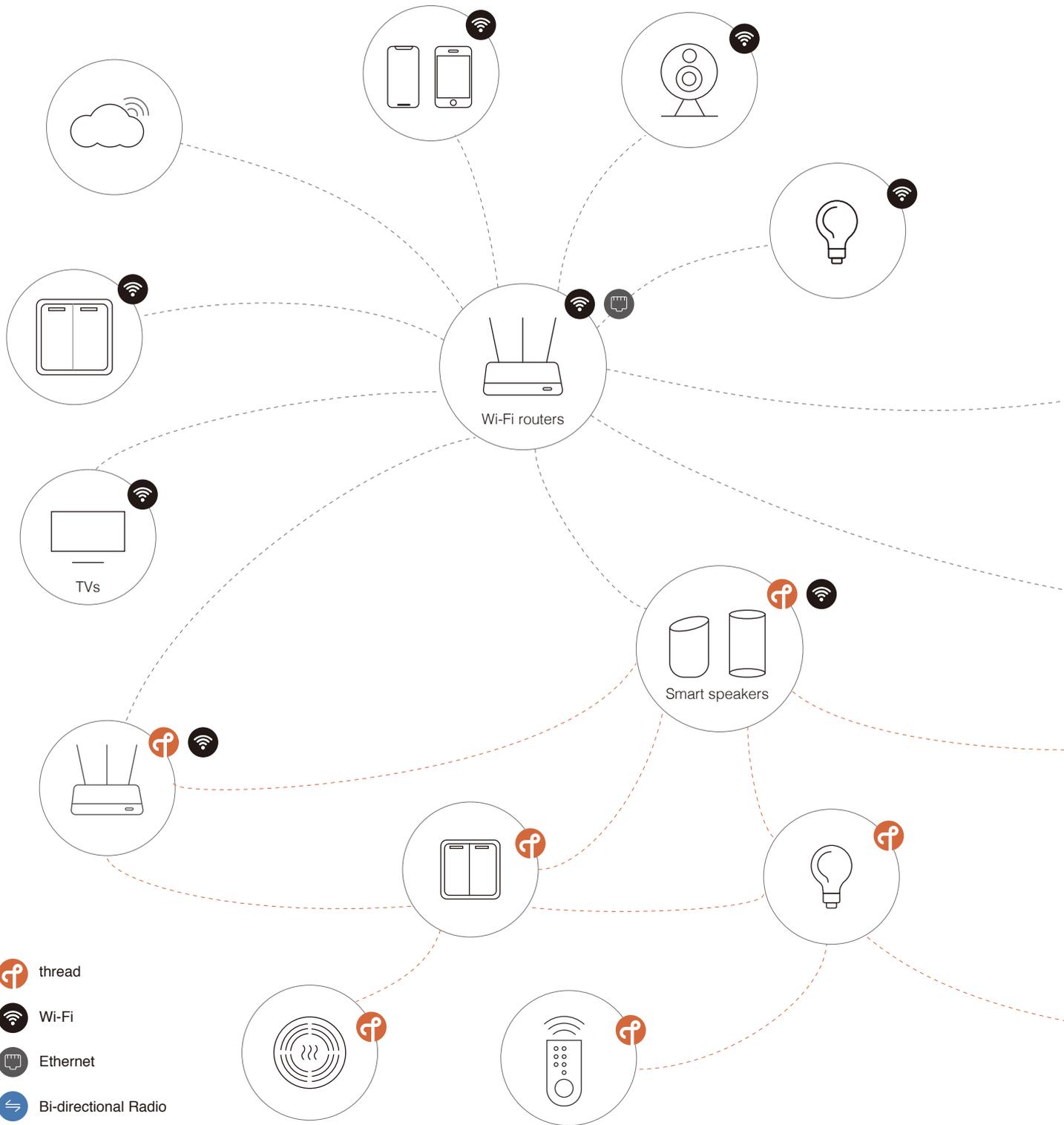
*“One protocol to connect compatible devices and systems with one another. Smart home devices should be secure, reliable, and seamless to use. And with Matter, they are.”*

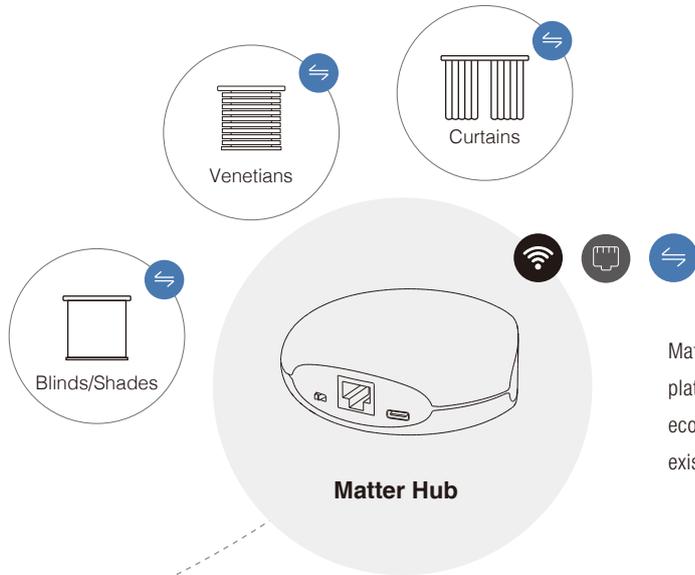
*— Connectivity Standards Alliance*



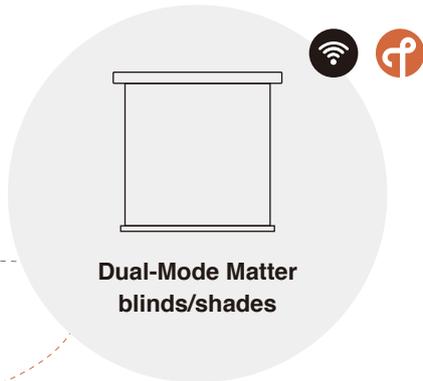
**Connector**  
Smart Motorization Made Easy



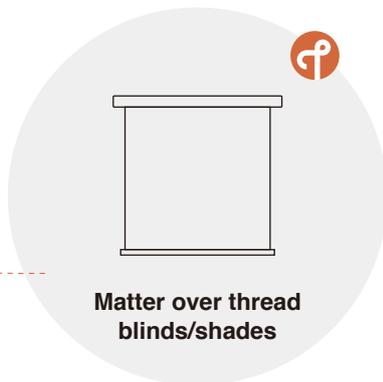




Matter hubs are the latest generation within the 'Connector' platform, designed primarily for integration with the MATTER ecosystem. These hubs enable seamless bridging of your existing bi-directional motors to the Matter system.



Dual-mode Matter motors combine Matter over Wi-Fi and Matter over Thread in a single, versatile solution. During setup, users can manually select the preferred connection method, allowing the motor to seamlessly adapt to different smart home environments. This dual-connectivity design delivers reliable communication, flexible installation, and consistent performance across a wide range of network conditions, while ensuring full compatibility with Matter-enabled smart home platforms.



Matter over Thread technology leverages the low-power, mesh-based Thread network to deliver fast, stable, and fully local smart home communication. Designed primarily for battery-powered motors, it is ideal for installations where wiring is limited or unavailable. With low power consumption and reliable performance, Matter over Thread motors enable flexible placement, simplified installation, and long battery life, while ensuring seamless compatibility with Matter-enabled smart home platforms.

# Matter Hub

## ME-Box

 Dual-Band Wi-Fi 6 (2.4GHz & 5GHz), Ethernet

 For Radio+ Motor



amazon alexa



Dual-Band Wi-Fi 6 (2.4GHz & 5GHz) + Ethernet

ME-Box DD7066M

 L98\*W98\*H37(mm)

 Matter Supported

 Hub configuration via QR code

 Powered by USB Type-C

 Radio+ Control

 Connector Platform Supported

OTA Firmware Update

 433.92MHz

 0°C ~ 40°C

 Max. 20 rooms

 Max. 30 motors

 Max. 40 Scenes & Timers

**Radio+**

**WiFi**

**matter**

**Connector**  
Smart Motorization Made Easy



Google Assistant



SmartThings

atter

Matter hubs represent the latest generation of hubs within the 'Connector' platform, with a primary focus on the MATTER ecosystem. This hub seamlessly integrates with MATTER system within your local network, such as Apple Home, Amazon Alexa, Google Home, Home Assistant, SmartThings etc. Additionally, it retains the capability to be controlled through the Dooya APP, just like a standard Connector hub. Main features include:

- **Compatible with Connector & Matter system**
- **Dual-Band Wi-Fi 6 (2.4GHz & 5GHz)** (DD7066M)
- **2.4GHz Wi-Fi 4** (DD7006M)
- **Ethernet Connectivity** (DD7066M)
- **Type-C USB (5V, 1A)**
- **Hub configuration via QR code, DIY/installer friendly**

## M-Box

 2.4GHz Wi-Fi 4 Only

 For Radio+ Motor

**2.4GHz Wi-Fi 4 only**



M-Box DD7006M  
 L75\*W75\*H31.5 (mm)

# Matter Tubular Motor

Matter over thread + 433MHz bi-directional

Works with



DC  
5V Type-C

DM25LEU/MT

- Speed Regulation & Noise Reduction
- Switch Direction
- Stall Protection
- Built-in Receiver
- Built-in Lithium Battery
- Jog Mode
- Program Button



DC  
5V Type-C

DM28LEU/MT

- Speed Regulation & Noise Reduction
- Switch Direction
- Stall Protection
- Built-in Receiver
- Built-in Lithium Battery
- Jog Mode
- Program Button



DC  
12V

DV24WE/MT

- Switch Direction
- Stall Protection
- Jog Mode
- Built-in Receiver
- Multiple Stop Positions
- External Battery
- Speed Regulation
- Program Button

# Matter Tubular Motor & Curtain Motor

Matter over **Wi-Fi** + Matter over **Thread**

2.4GHz + 5GHz **Wi-Fi 6**

433MHz bi-directional **Radio+**

Dual-Band & Dual-Mode Matter + 433MHz bi-directional

Works with



**AC** DM35F/SWM  
DM45F/SWM



- Preferred Stop Position
- Electronic Limit
- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Radio Lock
- Jog Mode

**AC** DM35EAB/SWM  
DM45EAB/SWM



- Electronic Limit
- Precise Limit Setting
- Stall Protection
- Radio Lock
- Switch Direction
- Program Button
- Switch Control
- Preferred Stop Position



**AC** 100-240V DT72TV/SWM



- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Manual Override
- Dry Contact Input
- Auto Limit Setting
- Stop/Run By Pulling Fabric

**AC** 100-240V DT82TV/SWM



- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Manual Override
- Dry Contact Input
- Auto Limit Setting
- Stop/Run By Pulling Fabric



**Radio+**



# Matter Receiver & Switch

Matter over Wi-Fi (2.4GHz) + 433MHz bi-directional

Works with



**Matter over Wi-Fi**  
Match for Standard Motor

## Receiver DD50M

- Matter Supported
- One receiver per motor
- For Max. 120Nm motor
- Max. paired emitters: 10 channels

- Input voltage: AC 100~240V, 50/60Hz
- Output power: 500W
- Radio frequency: 433.92MHz
- Dimensions: 100\*27\*40.5(mm)



**Matter over Wi-Fi**  
Match for Standard Motor

## Receiver DD117M

- Matter Supported
- One receiver per motor
- Sensitive stall detection (by current)
- Virtual percentage control  
(limits need to be learned firstly)

- For standard or interlock wall switch
- Max paired motor torque: 50 Nm
- Output power: 300W
- Dimensions: 48\*45\*23 (mm)



**Matter over Wi-Fi**  
Match for Lighting

## Switch DD119M

- Matter Supported
- Wireless control
- Compatible with external switch
- Compatible with all DOOYA emitters

- Rated Voltage: AC 230V/50Hz
- Output power: 200W
- Radio frequency: 433.92MHz
- Dimensions: 48.5\*45\*27(mm)

# Smart Home Protocols

- 45 RS485 Motor
- 46 Serial Motor
- 47 KNX Motor
- 48 CAN-Bus Motor
- 49 Z-Wave Motor
- 50 Zigbee Motor

# 03

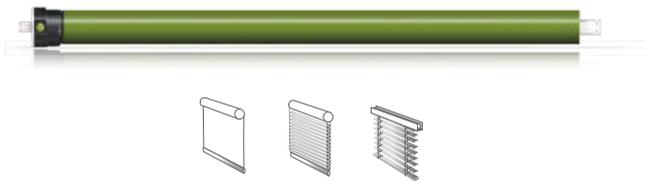
# RS485 Motor

The differential signaling of RS485 communication ensures robust noise immunity, enabling reliable data transmission over long distances. The multi-point capability allows the connection of multiple devices on a single bus, reducing wiring complexity and costs, ideal for home automation systems. With enhanced signal integrity, it becomes a good choice for applications demanding precision and stability. Elevate your motors' communication reliability and performance with the proven benefits of RS485 technology.

RS485 RS485 Communication

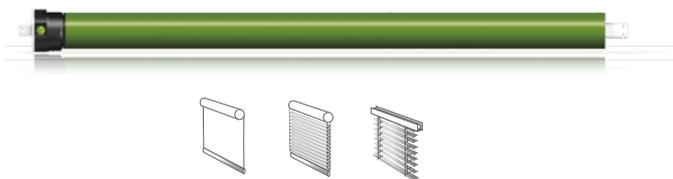


Open RS485 Protocol



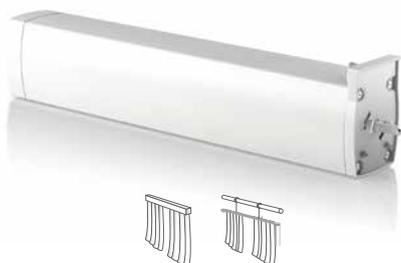
## AC DM35EQL/J

- Switch Direction
- Stall Protection
- Jog Mode
- Built-in Receiver
- Program Button
- Multiple Stop Positions
- Radio Lock
- Quiet Running



## AC DM45EQL/J

- RS485 Interface
- Electronic Limit
- Switch Direction
- Stall Protection
- Preferred Stop Position
- Memorized Setting
- Built-in Receiver
- Jog Mode



## AC 100-240V DT82TV/S

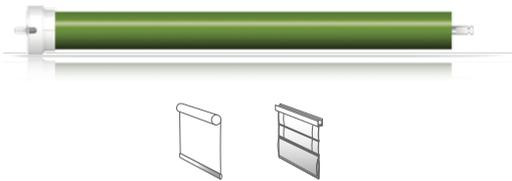
- RS485 Interface
- Switch Direction
- Stall Protection
- Built-in Receiver
- Stop/Run by Pulling Fabric
- Limit Position Adjustment
- Multiple Stop Positions
- Manual Override
- Dry Contact Input
- Program Button
- Auto Limit Setting

# Serial Motor

Unlock the potential of your motors via UART (3.3V TTL) communication. This advanced technology provides you with a flexible data transfer option, ideal for applications requiring different smart home standards. This technology trick not only preserves the inherent motor functionality by maintaining the integrity of the motor, but also seamlessly integrates a range of smart home modules via UART, allowing for an efficient integration of various smart home systems. Leveraging UART ensures the motor is adaptable to evolving smart home technologies.

3.3V TTL UART Communication    Serial

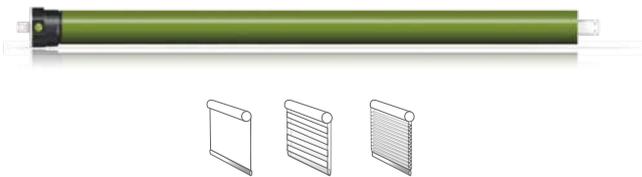
Open Serial Protocol



**AC**  
100-240V

DM25TE/SP

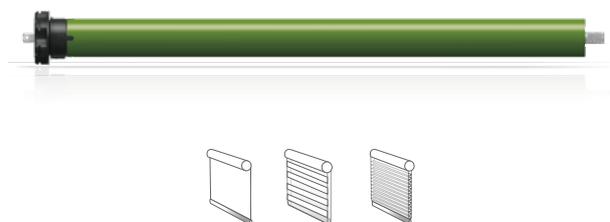
- Serial Communication
- Electronic Limit
- Built-in Transformer
- Switch Direction
- Stall Protection
- Radio Lock
- Program Button
- Jog Mode



**AC**

DM35F/SP

- Serial Communication
- Preferred Stop Position
- Electronic Limit
- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Radio Lock
- Jog Mode



**AC**

DM45EAF/SP

- Serial Communication
- Electronic Limit
- Precise Limit Setting
- Stall Protection
- Switch Direction
- Switch Control
- Preferred Stop Position
- Auto Limit Setting
- Integrated Repeater

# KNX Motor

Elevate motor connectivity with KNX, a robust standard for home and building control. KNX offers unparalleled benefits for motors, ensuring seamless interoperability and communication. Its protocol facilitates integration, allowing devices from different manufacturers to work harmoniously. With advanced energy management and real-time monitoring capabilities, KNX optimizes efficiency. The decentralized architecture enhances reliability, ensuring continuous operation even in case of network failures. KNX's scalability accommodates diverse devices, making it ideal for smart homes and commercial buildings.

**KNX** KNX Certified & Registered



Position Feedback



Flexible Control Modes



Multi-limit Positions



**AC**  
100-240V

DT300TE/SK



- Electronic Limit
- Switch Direction
- Stall Protection
- Built-in Receiver
- Manual Override
- Preferred Stop Position
- Auto Limit Setting



**AC**

DM45F/SK



- Twisted-pair Medium
- Switch Direction
- Stall Protection
- Jog Mode
- Built-in Receiver
- Program Button
- Multiple Stop Positions
- Radio Lock
- Quiet Running

# CAN-Bus Motor & Hub

The CAN-Bus motor provides reliable and robust performance, and its deterministic communication ensures real-time data transmission, optimizing efficiency in time-sensitive operations. With built-in error-checking and fault-tolerant capabilities, it ensures data integrity in demanding environments. The CAN-bus motor in combination with the CAN-Bus Hub, an IP-based local gateway, can be easily integrated and controlled by the 3rd party via LAN/WLAN and is the preferred option for home automation and building integration.



## CAN-Bus Motor DM35DEQ-C

- CAN-Bus Protocol
- Electronic Limit
- Switch Direction
- Stall Protection
- Jog Mode
- Preferred Stop Position
- Memorized Setting
- Built-in Receiver



## CAN-Bus Gateway DD6001

- CAN-Bus to RS485 converter
- CAN-Bus to Radio+ converter
- Rated Voltage: DC 24V
- Radio frequency: 433.92MHz
- Working Temperature: -10°C~50°C
- Dimensions:  $\phi$ 100mm \* H 23.5mm



## CAN-Bus Hub

- CAN-Bus to LAN/WLAN converter
- Powered by USB Type-C or PoE
- Connected by Wi-Fi (2.4GHz) or Ethernet
- Working Temperature: 0°C~40°C

# Z-Wave Motor

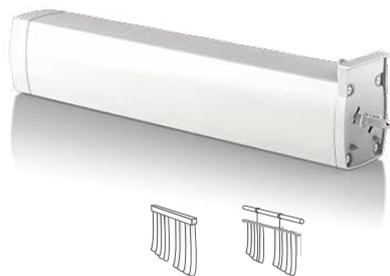
S2 Z-Wave Plus S2 certified device



Position feedback



Multi-frequency: 908.42MHz, 868.42MHz



AC  
100-240V

DT82TE/F & DT82TV/F

- Switch Direction
- Stall Protection
- Jog Mode
- Built-in Receiver
- Program Button
- Multiple Stop Positions
- Manual Override
- Dry Contact Input
- Auto Limit Setting
- Stop/Run by Pulling Fabric
- Speed Regulation
- Limit Position Adjustment



AC

DM35ECB/F & DM45EQ/F

- Switch Direction
- Stall Protection
- Jog Mode
- Built-in Receiver
- Program Button
- Multiple Stop Positions
- Radio Lock
- Quiet Running

# Zigbee Motor

**Zigbee 3.0 Standard**



**DC**  
5V Type-C

DM25LEU/SMA

- Speed Regulation & Noise Reduction
- Switch Direction
- Stall Protection
- Built-in Receiver
- Built-in Lithium Battery
- Jog Mode
- Program Button



**AC**

DM35F/SMA

- Preferred Stop Position
- Electronic Limit
- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Radio Lock
- Jog Mode



**AC**

DM45F/SMA

- Preferred Stop Position
- Electronic Limit
- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Radio Lock
- Jog Mode



# Motorized Roller Shutter

- 53 DC Battery Motor
- 55 DC Motor with External Battery
- 57 AC Stall Detection Motor
- 58 AC Plug & Play Motor
- 59 Short Motor for Narrow Window
- 60 AC Electronic Tubular Motor
- 61 AC Mechanic Motor(w/radio)
- 63 Brushless Electronic Motor

# 04

# DC Battery Motor







Roller Shutter

## Common Parameters

Charging Port	<b>12V 35135</b> 	Max. Limit Turns	$\infty$	Protection Degree	<b>IP44</b>
Radio Frequency	<b>433</b> $\Rightarrow$ MHz	Running Time	<b>&gt; 6 min</b>	Working Temperature	<b>-10°C~60°C</b>
Certification	<b>CE FCC-ID</b>				

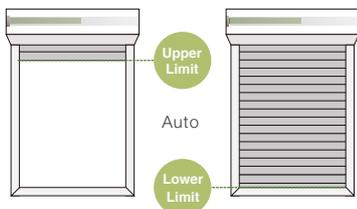
<b>★ DM35LEAB/S</b>	<b>13Nm 11rpm</b>		
Rated Current	<b>3.23A</b>	Rated Power	<b>38W</b>
Battery Capacity	<b>5000 mAh</b>	Length	<b>L=680mm</b>

<b>DM35LE/S</b>	<b>13Nm 11rpm</b>		
Rated Current	<b>3.23A</b>	Rated Power	<b>38W</b>
Battery Capacity	<b>5000 mAh</b>	Length	<b>L=674mm</b>

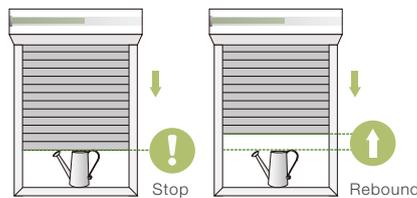
<b>★ DM45LEAB/S</b>	<b>20Nm 14rpm</b>		
Rated Current	<b>5.2A</b>	Rated Power	<b>62W</b>
Battery Capacity	<b>5200 mAh</b>	Length	<b>L=662mm</b>

<b>DM45LE/S</b>	<b>20Nm 14rpm</b>		
Rated Current	<b>5.2A</b>	Rated Power	<b>62W</b>
Battery Capacity	<b>5200 mAh</b>	Length	<b>L=662mm</b>

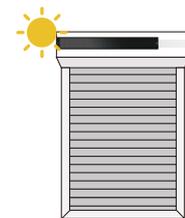
## Features



★ Auto Limit Setting



★ Super Reliable Stall Detection

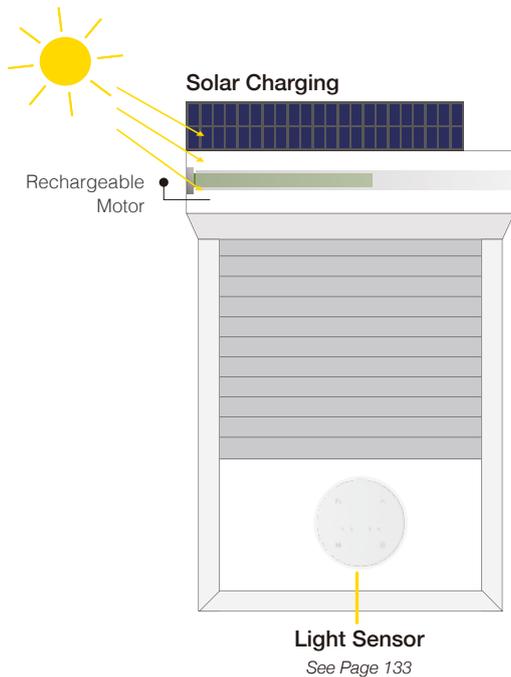


Solar Charging

## Regular Features

- ★ Auto Limit Setting
- Electronic Limit
- Built-in Lithium Battery
- APP Control
- ★ Super Reliable Stall Detection
- Switch Direction
- Preferred Stop Position
- Stall Protection
- Jog Mode
- Program Button
- Speed Regulation
- Solar Charging
- Radio Lock

# Charging & Control Solutions

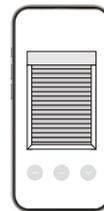


-What is the battery level?  
- It is 80%

Battery Check



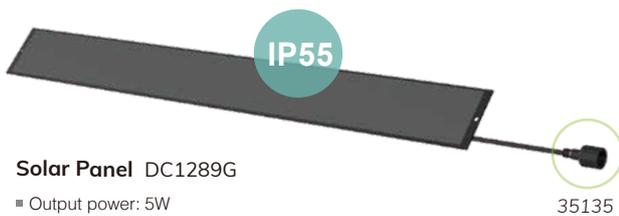
**Remote Control**  
See Page 111



**APP Control**



**IoT (via bridge)**  
See page 39



**Solar Panel DC1289G**

- Output power: 5W
- Output voltage: DC 16V
- Working temperature: -20°C~65°C
- Dimensions: 560\*65\*4 (mm)



**Solar Panel DC1290**

- Output power: 5W
- Output voltage: DC 16V
- Working temperature: -20°C~65°C
- Dimensions: 530\*57\*6 (mm)

## Accessories

### Click-in Bracket



DZ409A



DZ512J

- Dimensions:
- 132 mm
  - 144 mm
  - 158.5mm
  - 174.5 mm
  - 180 mm
  - 199.5 mm

### Shaft Adapter



DS485A  
(For max. 30Nm motor)

### Direct Charging



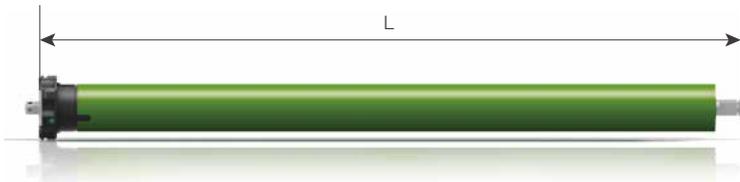
**Charger**  
DC1563



**Adapter Cable**  
DC750-01-191

# DC Motor with External Battery

**CE & DS**  
Series



Roller Shutter

## Common Parameters

Rated Voltage	<b>12V</b>	Running Time	<b>&gt; 6 min</b>	Working Temperature	<b>-20°C~65°C</b>
Protection Degree	<b>IP44</b>	Certification	<b>CE FCC-ID</b>		

<b>DM35CE/S</b>	<b>13Nm 11rpm</b>	<b>Radio+</b>
Rated Current	<b>3A</b>	Rated Power <b>35W</b>
Max. Limit Turns	<b>∞</b>	Length <b>L=460mm</b>
Radio Frequency	<b>433⇌ MHz</b>	

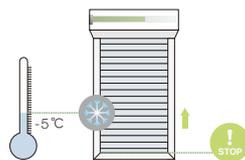
<b>DM45CE/S</b>	<b>20Nm 10rpm</b>	<b>Radio+</b>
Rated Current	<b>4.1A</b>	Rated Power <b>50W</b>
Max. Limit Turns	<b>∞</b>	Length <b>L=562mm</b>
Radio Frequency	<b>433⇌ MHz</b>	

<b>DM35DS</b>	<b>13Nm 11rpm</b>
Rated Current	<b>3A</b>
Rated Power	<b>35W</b>
Max. Limit Turns	<b>30</b>
Length	<b>L=540mm</b>

<b>DM45DS</b>	<b>20Nm 14rpm</b>
Rated Current	<b>6A</b>
Rated Power	<b>72W</b>
Max. Limit Turns	<b>22</b>
Length	<b>L=562mm</b>



**Battery Powered,  
Solar Charging**



**Stall Protection**



**Stable Mechanic Limit**



**Energy Saving,  
Green Product**

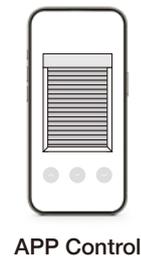
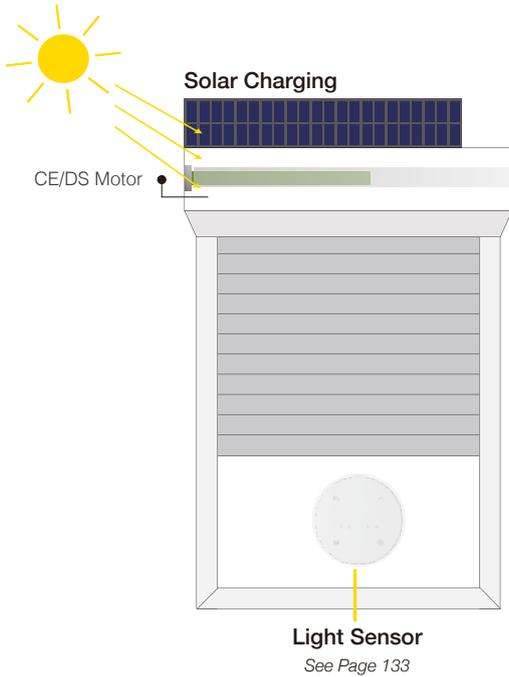
## Features

- Electronic Limit
- Built-in Receiver
- Switch Direction
- Stall Protection
- DC Power Supply
- Jog Mode
- Preferred Stop Position
- Speed Regulation
- Memorized Setting
- Radio Lock
- Program/Reset Button
- APP Control

## Features

- Mechanic Limit
- External Controller
- Switch Direction
- Stall Protection
- DC Power Supply

# Charging & Control Solutions



## for CE Series Motor



### Solar Panel DC1290

- Output power: 5W
- Output voltage: DC 16V
- Working temperature: -20°C~65°C
- Dimensions: 530\*57\*6(mm)

+



### Battery Wand DC1293B

- For Max. 50Nm motor
- Output: DC 12V/15A (5521)
- Battery Capacity: 5200mAh
- Working temperature: -10°C~50°C
- Dimensions: 600\*28\*28(mm)

## for DS Series Motor



### Solar Station DD1538B

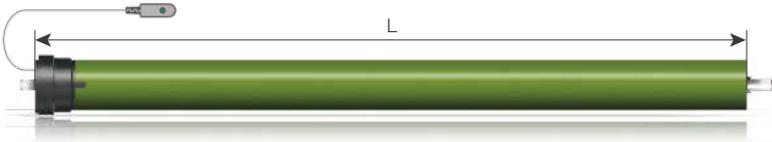
- For Max. 50Nm motor
- Output: DC 12V/15A
- Solar panel power: 5W
- Battery capacity: 5200mAh
- Working temperature: -10°C~50°C
- Radio frequency: 433.92MHz
- Dimensions: 625\*69\*45(mm)



### Solar Station DD1292

- For Max. 50Nm motor
- Output: DC 12V/15A
- Solar panel power: 5W
- Battery capacity: 5200mAh
- Working temperature: -10°C~50°C
- Radio frequency: 433.92MHz
- Dimensions: 600\*28\*28(mm)

# AC Stall Detection Motor



Roller Shutter

## Common Parameters

Rated Voltage	<b>230V</b>	Max. Limit Turns	$\infty$	Protection Degree	<b>IP44</b>
Running Time	<b>&gt;4min</b>	Working Temperature	<b>-20°C~65°C</b>	Certification	TUV CE

### DM35EAB/S 13Nm 14rpm **Radio+**

Rated Current	<b>0.63A</b>	Rated Power	<b>144W</b>
Radio Frequency	<b>433</b> MHz	Length	<b>L=580mm</b>

### DM45EAB/S 20Nm 15rpm **Radio+**

Rated Current	<b>0.69A</b>	Rated Power	<b>161W</b>
Radio Frequency	<b>433</b> MHz	Length	<b>L=612mm</b>

### DM35BF 13Nm 14rpm SWITCH CONTROL

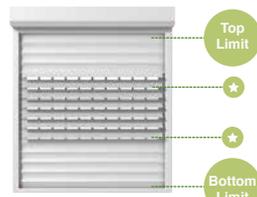
Rated Current	<b>0.63A</b>	Rated Power	<b>144W</b>
Length	<b>L=580mm</b>	4-wire / 5-wire	

### DM45BW/Z 20Nm 15rpm SWITCH CONTROL

Rated Current	<b>0.48A</b>	Rated Power	<b>113W</b>
Length	<b>L=612mm</b>	4-wire / 5-wire	



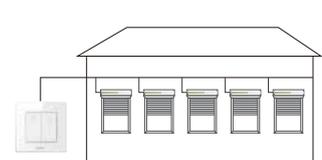
**Super Reliable Stall Detection**



**Multiple Stop Positions**



**Super Reliable Stall Detection**



**Multi-motors With One Switch**

## Features

- Built-in Receiver
- Program/Reset Button
- Electronic Limit
- Super Reliable Stall Detection
- Stall Protection
- Automatic Limit Setting
- Switch Direction
- Preferred Stop Position
- Jog Mode
- Precise Limit Setting
- Radio Lock
- APP Control

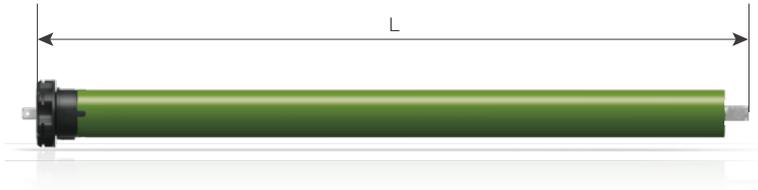
## Features

- External Controller
- Program Button Limit Setting
- Electronic Limit
- Super Reliable Stall Detection
- Stall Protection
- Automatic Limit Setting
- Switch Direction
- Parallel Wiring



# AC PLUG & PLAY Motor

## Auto Limits Setting



Roller Shutter

### Common Parameters

Rated Voltage	<b>230V</b>	Max. Limit Turns	$\infty$	Protection Degree	<b>IP44</b>
Running Time	> <b>4min</b>	Working Temperature	<b>-20°C~65°C</b>	Certification	

<b>DMH45EJ/S</b>	<b>10Nm 15rpm</b>	<b>Radio+</b>
Rated Current	<b>0.48A</b>	Rated Power <b>113W</b>
Radio Frequency	<b>433 MHz</b>	Length <b>L=520mm</b>

<b>DMH45BJ</b>	<b>10Nm 15rpm</b>	SWITCH CONTROL
Rated Current	<b>0.48A</b>	Rated Power <b>113W</b>
Length	<b>L=520mm</b>	4-wire

<b>DMH45EJ/S</b>	<b>20Nm 15rpm</b>	<b>Radio+</b>
Rated Current	<b>0.69A</b>	Rated Power <b>161W</b>
Radio Frequency	<b>433 MHz</b>	Length <b>L=540mm</b>

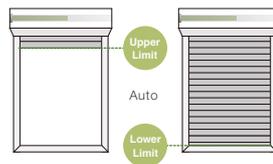
<b>DMH45BJ</b>	<b>20Nm 15rpm</b>	SWITCH CONTROL
Rated Current	<b>0.69A</b>	Rated Power <b>161W</b>
Length	<b>L=520mm</b>	4-wire



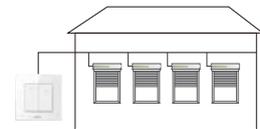
Quick Plug Optional



APP Control



Auto Limit Setting



Multi-motors With One Switch

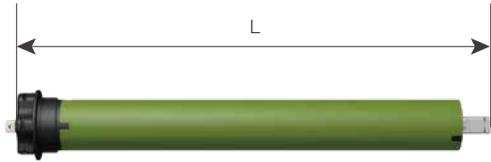
### Features

- Built-in Receiver
- Program/Reset Button
- Electronic Limit
- Stall Protection
- Switch Direction
- Quick- plug Cable
- Radio Lock
- APP Control

### Features

- External Controller
- Electronic Limit
- Stall Protection
- Switch Direction
- Quick- plug Cable
- Parallel Wiring

# Short Motor For Narrow Window



## Common Parameters

Rated Voltage	<b>230V</b>	Max. Limit Turns	$\infty$	Protection Degree	<b>IP44</b>
Running Time	<b>&gt;4min</b>	Certification		Working Temperature	<b>-20°C~65°C</b>

<b>DM45EZ/S</b>	10Nm 15rpm	<b>Radio+</b>
Rated Current	<b>0.48A</b>	Rated Power <b>113W</b>
Radio Frequency	<b>433</b> ⇌ MHz	Length <b>L=403mm</b>

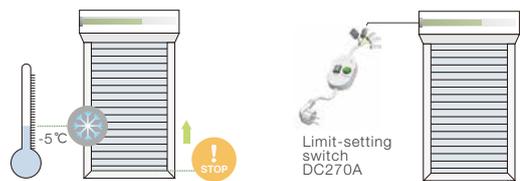
<b>DM45BH</b>	10Nm 15rpm	SWITCH CONTROL
Rated Current	<b>0.48A</b>	Rated Power <b>113W</b>
Length	<b>L=403mm</b>	



Multiple Stop Positions



Radio Lock



Stall Protection

Limit Setting Switch/Button

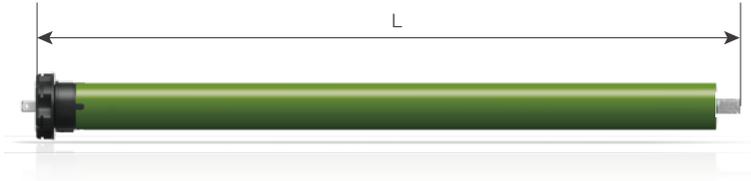
## Regular Features

- Built-in Receiver
- Program/Reset Button
- Short Motor
- Electronic Limit
- Stall Protection
- Switch Direction
- Precise Limit Setting
- Preferred Stop Position
- Jog Mode
- Radio Lock
- APP Control

## Regular Features

- External Controller
- Program Button Limit Setting
- Short Motor
- Electronic Limit
- Stall Protection
- Switch Direction
- Parallel Wiring

# AC Electronic Tubular Motor



Roller Shutter

## Common Parameters

Rated Voltage	<b>230V</b>	Max. Limit Turns	$\infty$	Protection Degree	<b>IP44</b>
Running Time	<b>&gt;4min</b>	Certification		Working Temperature	<b>-20°C~65°C</b>

### DM35ECB/S 10Nm 17rpm **Radio+**

Rated Current	<b>0.63A</b>	Rated Power	<b>114W</b>
Radio Frequency	<b>433 MHz</b>	Length	<b>L=582mm</b>

### DM45ECB/S 10Nm 15rpm **Radio+**

Rated Current	<b>0.48A</b>	Rated Power	<b>113W</b>
Radio Frequency	<b>433 MHz</b>	Length	<b>L=608mm</b>

### DM35BK 10Nm 17rpm SWITCH CONTROL

Rated Current	<b>0.63A</b>	Rated Power	<b>144W</b>
Length	<b>L=582mm</b>		<b>5-wire</b>

### DM45BK 10Nm 15rpm SWITCH CONTROL

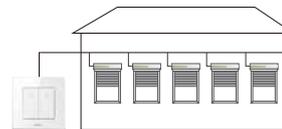
Rated Current	<b>0.48A</b>	Rated Power	<b>113W</b>
Length	<b>L=608mm</b>		<b>5-wire</b>



Multiple Stop Positions



APP Control



Multi-motors with One Switch



Electronic Limit

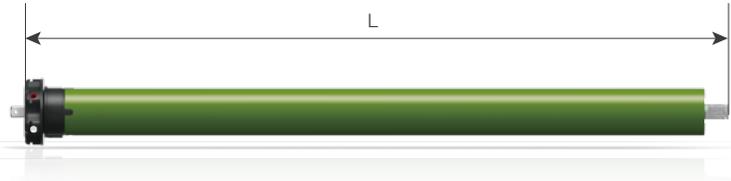
## Regular Features

- Built-in Receiver
- Precise Limit Setting
- Program/Reset Button
- Preferred Stop Position
- Electronic Limit
- Jog Mode
- Stall Protection
- Radio Lock
- Switch Direction
- APP Control

## Regular Features

- External Controller
- Program Button Limit Setting
- Electronic Limit
- Stall Protection
- Switch Direction
- Parallel Wiring

# AC Mechanic Motor w/radio



Roller Shutter

## Common Parameters

Rated Voltage	<b>230V</b>	Max. Limit Turns	<b>45</b>	Protection Degree	<b>IP44</b>
Running Time	<b>&gt;4min</b>	Working Temperature	<b>-20°C~65°C</b>	Certification	 

<b>DM35R/SF</b>	<b>13Nm 15rpm</b>	<b>Radio+</b>
Rated Current	<b>0.53A</b>	Rated Power <b>121W</b>
Radio Frequency	<b>433 MHz</b>	Length <b>L=591mm</b>

<b>DM35S</b>	<b>13Nm 14rpm</b>	 SWITCH CONTROL
Rated Current	<b>0.53A</b>	Rated Power <b>121W</b>
Length <b>L=471mm</b>		

<b>DM45R/SF</b>	<b>20Nm 15rpm</b>	<b>Radio+</b>
Rated Current	<b>0.64A</b>	Rated Power <b>145W</b>
Radio Frequency	<b>433 MHz</b>	Length <b>L=611mm</b>

<b>DM45S</b>	<b>20Nm 15rpm</b>	 SWITCH CONTROL
Rated Current	<b>0.64A</b>	Rated Power <b>145W</b>
Length <b>L=471mm</b>		



Stable Mechanic Limit



APP Control



Quick Plug Optional



External Switch

## Features

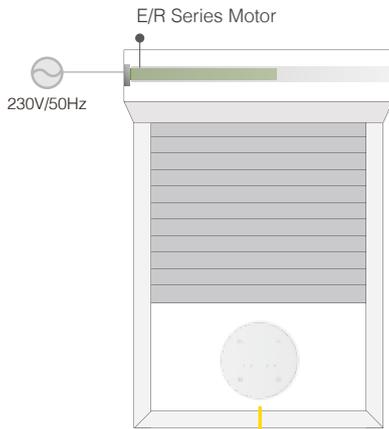
- Built-in Receiver
- Stall Protection
- Mechanic Limit
- Jog Mode
- Switch Direction
- APP Control
- Virtual Limits

## Features

- External Controller
- Mechanic Limit
- Switch Direction

# Control Solutions

## Solution for E/R Series Motor



**Light Sensor**

*See Page 133*



**Remote Control**

*See Page 111*



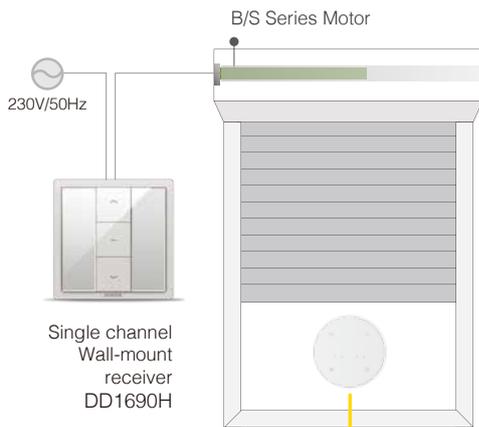
**APP Control**



**IoT (via bridge)**

*See page 39*

## Solution for B/S Series Motor



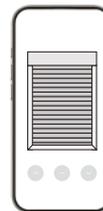
**Light Sensor**

*See Page 133*



**Remote Control**

*See Page 111*

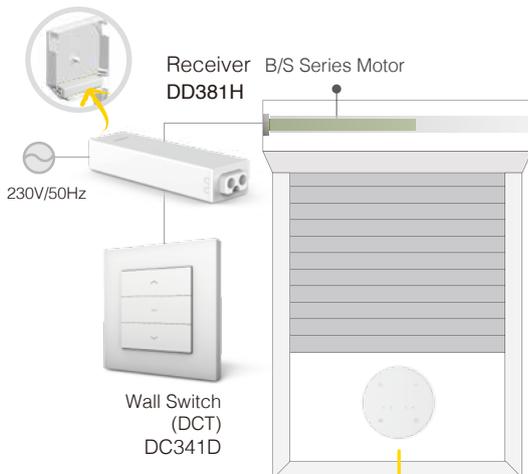


**APP Control**



**IoT (via bridge)**

*See page 39*



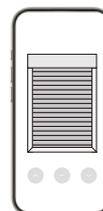
**Light Sensor**

*See Page 133*



**Remote Control**

*See Page 111*



**APP Control**

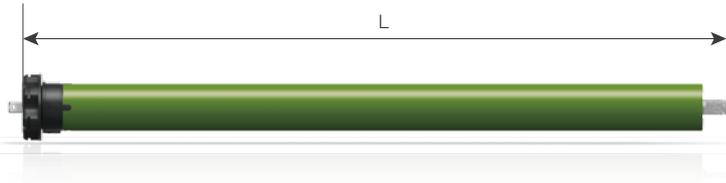


**IoT (via bridge)**

*See page 39*

# Brushless Electronic Motor

Ultra Long Lifespan & High Stability



Roller Shutter

## Common Parameters

Max. Limit Turns	$\infty$	Running Time	>6min
Protection Degree	<b>IP44</b>	Working Temperature	<b>-20~65°C</b>

### DM45XE/S 20Nm 15rpm **Radio+**

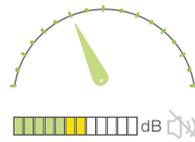
Rated Voltage	<b>230V</b>	Radio Frequency	<b>433MHz</b>
Rated Current	<b>0.53A</b>	Rated Power	<b>72W</b>
Length	<i>L=500mm</i>	Certification	

### DM45XBA 15Nm 15rpm SWITCH CONTROL

Rated Voltage	<b>12V</b>	Rated Power	<b>63W</b>
Rated Current	<b>5.3A</b>	Rated Power	<b>63W</b>
Length	<i>L=500mm</i>	Certification	



Multiple Stop Positions



Speed Regulation & Noise Reduction



Slow Start, Slow Stop



Low Noise

## Features

- Built-in Receiver
- Program/Reset Button
- Brushless Motor
- Electronic Limit
- Stall Protection
- Automatic Limit Setting
- Switch Direction
- Low Noise
- Speed Regulation
- Slow Start Slow Stop
- Preferred Stop Position
- Jog Mode
- Precise Limit Setting
- Radio Lock
- APP Control

## Control System



Light Sensor  
DD1183H



Single-channel Emitter  
DD1600H

## Features

- External Controller
- Program Button Limit Setting
- Brushless Motor
- Electronic Limit
- Stall Protection
- Automatic Limit Setting
- Switch Direction
- Low Noise
- Speed Regulation
- Slow Start Slow Stop
- Parallel Wiring

## Control System



Limit-setting Switch  
DC270V



Interlock Switch



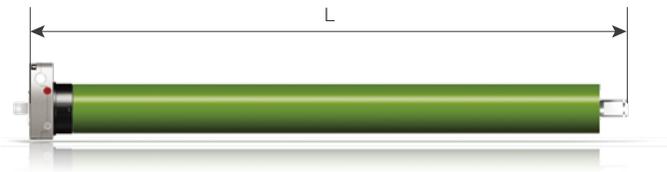


# Motorized Roller Gate

67 AC Mechanic Motor with Manual Override

# 05

# AC Mechanic Motor with Manual Override



## Common Parameters

Rated Voltage	<b>230V</b>	Max. Limit Turns	<b>22</b>	Protection Degree	<b>IP44</b>
Running Time	<b>&gt;4min</b>	Working Temperature	<b>-20°C~65°C</b>	Certification	

<b>DM45M</b>	<b>50Nm 12rpm</b>		SWITCH CONTROL
Rated Current	<b>0.89A</b>	Power	<b>205W</b>
Length <i>L=609mm</i>			

<b>DM59M</b>	<b>180Nm 7rpm</b>		SWITCH CONTROL
Rated Current	<b>1.95A</b>	Power	<b>450W</b>
Length <i>L=657mm</i>			

<b>DM59M</b>	<b>140Nm 7rpm</b>		SWITCH CONTROL
Rated Current	<b>2.2A</b>	Power	<b>510W</b>
Length <i>L=657mm</i>			

<b>DM92M</b>	<b>450Nm 6rpm</b>		SWITCH CONTROL
Rated Current	<b>4A</b>	Power	<b>932W</b>
Length <i>L=607mm</i>			



Stable Mechanic Limit



External Radio Controller



Manual Override Operation

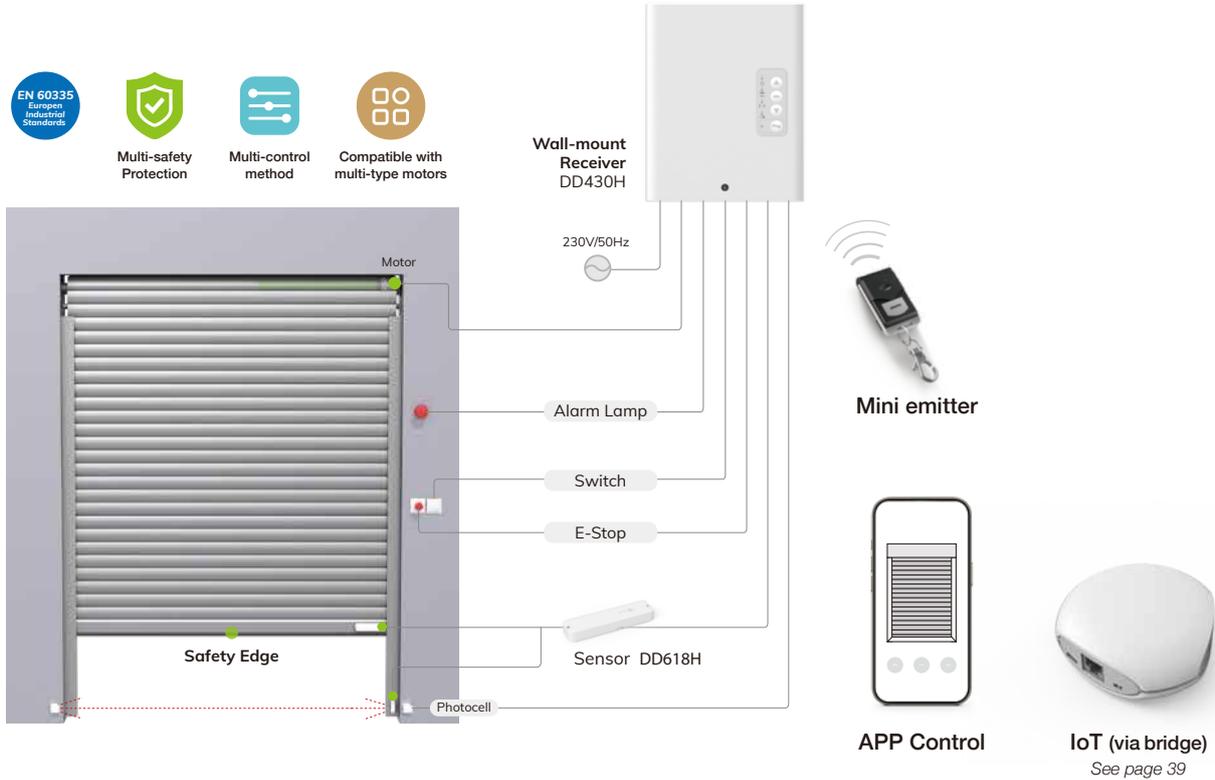


Quick & Easy Manual Override

## Regular Features

- Mechanic Limit
- External Controller
- Switch Control
- Manual Override

# Motorized Garage Door Solution



## Wall-mount Receiver DD430H

- Safety regulation compliant
- Lighting control output
- Photocell input
- Alarm output
- Emergency switch input
- Standard wall switch input
- Max. paired emitters: 10 channels
- Rated voltage: AC 100~240V, 50/60Hz
- Radio frequency: 433.92MHz
- Running protection time: 6 mins
- For Max.300Nm motor
- Power output: 1000W
- Dimensions: 245\*170\*50(mm)



## Sensor DD618H

- Stall Detection Controller Instruction
- Battery: 1.5VDC(AA\*2)
- Radio frequency: 433.92MHz
- Dimensions: 130\*80\*50(mm)



## Resistive safety edge (RSE) DC143B

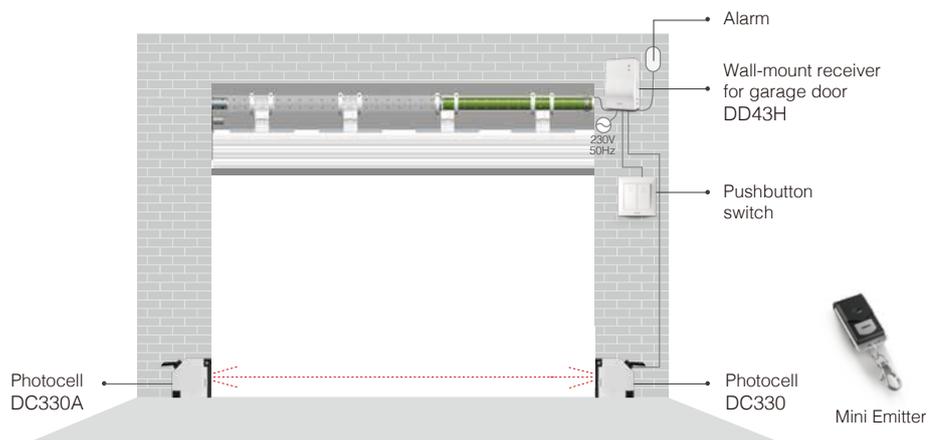
# Control System

## Garage Door Receiver Series

- Max. paired emitters: 10 channels
- Lighting control output
- Photocell input
- Emergency switch input
- Standard wall switch input
- Safety regulation compliant
- Alarm output
- Power output: 1000W
- Radio frequency: 433.92MHz
- Rated voltage: AC 100~240V, 50/60Hz

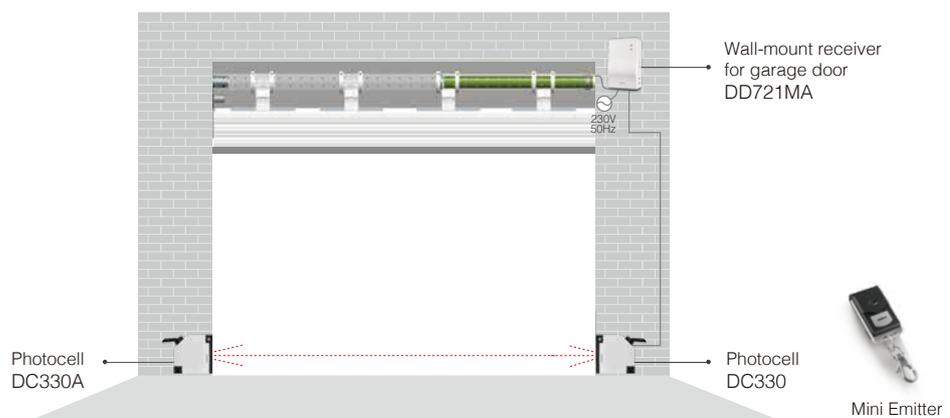


Wall-mount Receiver For Garage Door DD43H



Wireless Receiver DD721MA

- Max. paired emitters: 10 channels
- Safety regulation compliant
- Lighting control output
- Running protection time: 6 mins
- Rated voltage: AC 100~240V, 50/60Hz
- Radio frequency: 433.92MHz
- Power output: 1000W
- Dimensions: 130\*80\*50(mm)

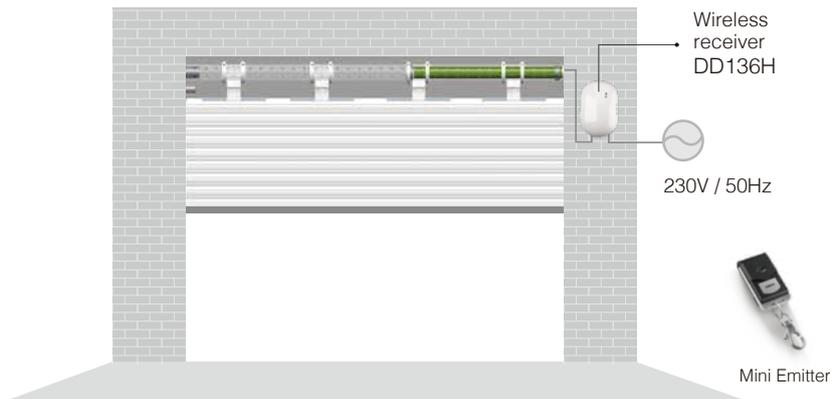


- Integrated switch
- Compatible with multiple wall switch
- "Deadman" mode
- Button lock / unlock operation
- Jog mode (tilt mode for venetian)
- Max. paired emitters: 10 channels

- Power output: 1000W
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Running protection time: 4 mins
- Dimensions: 120×80×37.3(mm)



Wireless Receiver  
DD136H



## Mini Series

 Radio Frequency: 433.92MHz

 Working Temperature: -10°C~50°C

 Battery: 3V CR2032

 Dimensions: 53.5\*30\*10(mm)



Single-channel  
Key-ring Emitter  
DD115H



4-channel  
Key-ring Emitter  
DD115E



Single-channel  
Key-ring Emitter  
DD2291H

- Dimensions: 62×34×13(mm)



# Motorized Awning

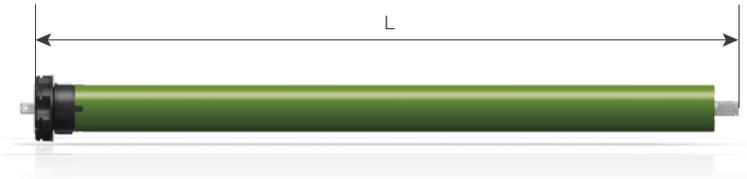
73 DC Awning Motor

75 AC Awning Motor

79 AC Motor with LED Control

# 06

# DC Awning Motor



## Common Parameters

Rated Voltage **12V**      Running Time **> 6 min**      Protection Degree **IP44**      Certification **CE FCC-ID**

<b>DM45LED/S</b>	<b>50Nm 10rpm</b>	<b>Radio+</b>
Rated Current <b>10.4A</b>	Rated Power <b>125W</b>	
Max. Limit Turn <b>∞</b>	Battery Capacity <b>5200mAh</b>	
Working Temperature <b>-10°C~65°C</b>	Length <b>L=661mm</b>	
Radio Frequency <b>433 MHz</b>		

<b>DM45DM</b>	<b>50Nm 10rpm</b>
Rated Current <b>11A</b>	Rated Power <b>132W</b>
Max. Limit Turn <b>22</b>	Length <b>L=774mm</b>
Working Temperature <b>-20°C~65°C</b>	



Auto Fabric Tension



Battery Capacity Feedback



Manual Override



Battery Powered Solar Charging

## Regular Features

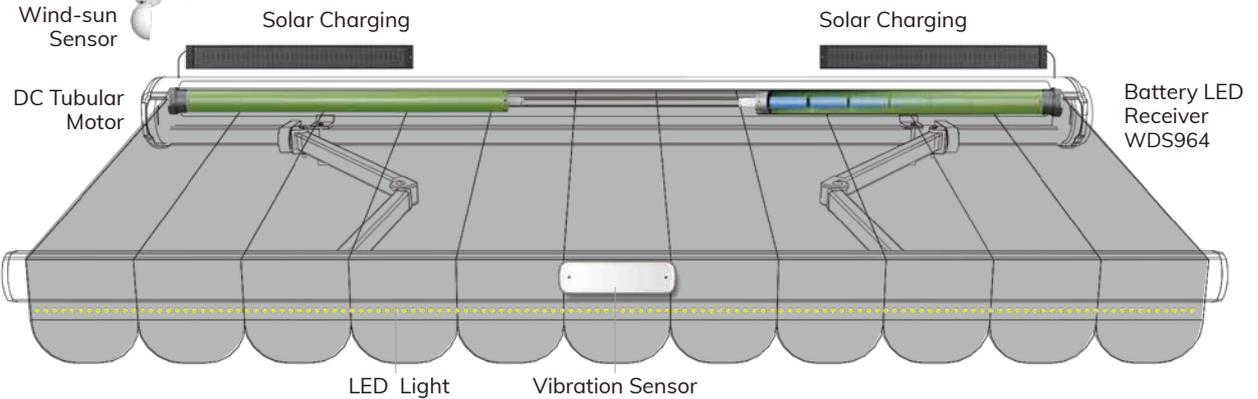
- Electronic Limit
- Jog Mode
- Solar Charging
- Preferred Stop Position
- Built-in Receiver
- Built-in Lithium Battery
- Switch Direction
- Program Button
- Radio Lock
- Auto Limit Calibration
- Speed Regulation
- APP Control

## Regular Features

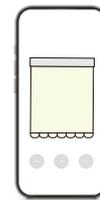
- Mechanic Limit
- Switch Control
- External Controller
- DC Power Supply
- Manual Override



# Control Solution



**Remote Control**  
See page 123



**APP Control**



**IoT (via bridge)**  
See page 39

## For Built-in Lithium Battery Motor



**Solar Panel DC1289G**

- Output power: 5W
- Output voltage: DC 16V
- Working temperature: -20°C~65°C
- Dimensions: 560\*65\*4 (mm)



**Solar Panel DC1290**

- Output power: 5W
- Output voltage: DC 16V
- Working temperature: -20°C~65°C
- Dimensions: 530\*57\*6 (mm)

## For Manual Override Motor



**Solar Station DD1538B**

- For Max. 50Nm motor
- Output: DC 12V/15A
- Solar panel: 5W
- Battery capacity: 5200mAh
- Working temperature: -10°C ~50°C
- Radio frequency: 433.92MHz
- Dimensions: 625\*69\*45(mm)



**Solar Station DD1292**

- For Max. 50Nm motor
- Output: DC 12V/15A
- Solar panel: 5W
- Battery capacity: 5200mAh
- Working temperature: -10°C~50°C
- Radio frequency: 433.92MHz
- Dimensions: 600\*28\*28(mm)



**Wind-sun Sensor DD118B**

- Solar powered, wireless
- Protection degree: IP54
- Radio frequency: 433.92MHz
- Working temperature: -20°C~60°C
- Dimensions: 260\*104\*30(mm)

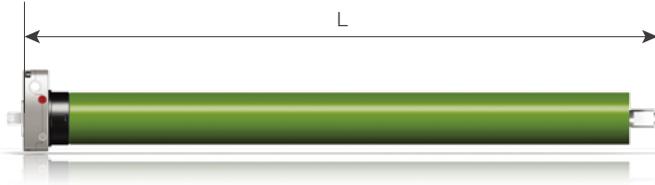


**LED controller with Battery WDS964**

- Built-in Lithium Battery
- Battery Capacity: 10000mAh
- Radio Lock
- Reset To Factory Mode
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C

# AC Awning Motor

**Radio+**



Motorized Full  
Cassette Awning

## Common Parameters

Running Time	> 4min	Max. Limit Turns	$\infty$	Protection Degree	IP44
Radio Frequency	433 $\Rightarrow$ MHz	Working Temperature	-20°C~65°C	Certification	

<b>DM45ED/S</b>	<b>230V</b>	<b>50Nm 12rpm</b>
Rated Current	<b>0.99A</b>	Rated Power <b>228W</b>
Length <i>L=661mm</i>		

<b>DM45EDM/S</b>	<b>230V</b>	<b>50Nm 12rpm</b>
Rated Current	<b>0.99A</b>	Rated Power <b>228W</b>
Length <i>L=774mm</i>		



Auto Fabric Tension



Enable / Disable  
Sun Detection



Manual Override



Electronic Limit

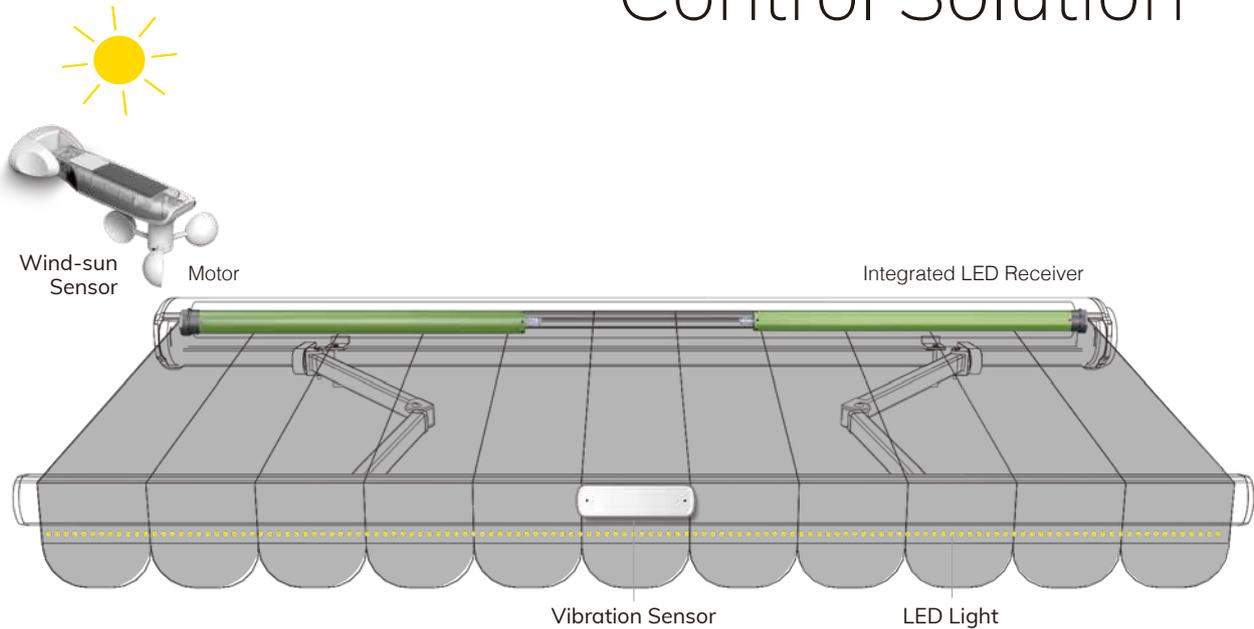
## Features

- Electronic Limit
- Precise Limit Setting
- Stall Protection
- Switch Direction
- APP Control
- Sun-sensor Compatible
- Program Button
- Preferred Stop Position
- Setting Limit Via Fabric Tension
- Auto Fabric Tension

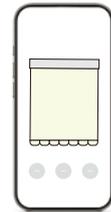
## Features

- Electronic Limit
- Jog & Tilt
- Radio Lock
- Switch Direction
- Reset to Factory Mode
- Sensitive Stall Detection
- Sun-sensor Compatible
- Auto Limit Calibration
- Built-in Receiver

# Control Solution



**Remote Control**  
See page 123



**APP Control**



**IoT (via bridge)**  
See page 39



**Wind-sun Sensor  
DD118B**

- Solar powered, wireless
- Protection degree: IP54
- Radio frequency: 433.92MHz
- Working temperature: -20°C~60°C
- Dimensions: 260\*104\*30(mm)



**Vibration Sensor  
DD510HE**

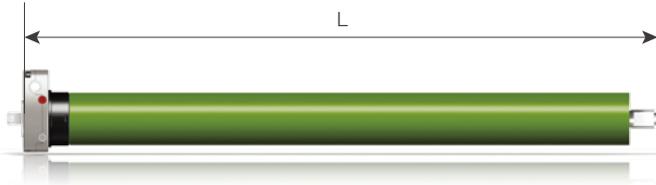
- For motorized awning
- Battery powered (2\*AAA)
- Adjustable 6 sensitivity levels
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 150\*41\*26(mm)



**Integrated LED Receiver  
WDS961 Series**

- Input: AC 100~240V, 50/60Hz
- Output:
  - WDS961A 12V 120W LED
  - WDS961B 12V 160W LED
  - WDS961C 24V 120W RGB
- Built-in Receiver
- 3 levels brightness control
- Working Temperature: -10°C~50°C

# AC Awning Motor



## Common Parameters

Rated Voltage	<b>230V</b>	Max. Limit Turns	<b>22</b>	Protection Degree	<b>IP44</b>
Running Time	<b>&gt;4min</b>	Working Temperature	<b>-20°C~65°C</b>	Certification	

<b>DM45RM</b>	<b>50Nm 12rpm</b>	<b>Radio+</b>
Rated Current	<b>0.89A</b>	Rated Power <b>205W</b>
Radio Frequency	<b>433<sup>±</sup> MHz</b>	Length <b>L=759mm</b>

<b>DM45M</b>	<b>50Nm 12rpm</b>	<b>SWITCH CONTROL</b>
Rated Current	<b>0.89A</b>	Rated Power <b>205W</b>
Length	<b>L=609mm</b>	



APP Control



Stable Mechanic Limit



Manual Override



External Switch

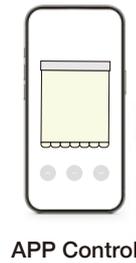
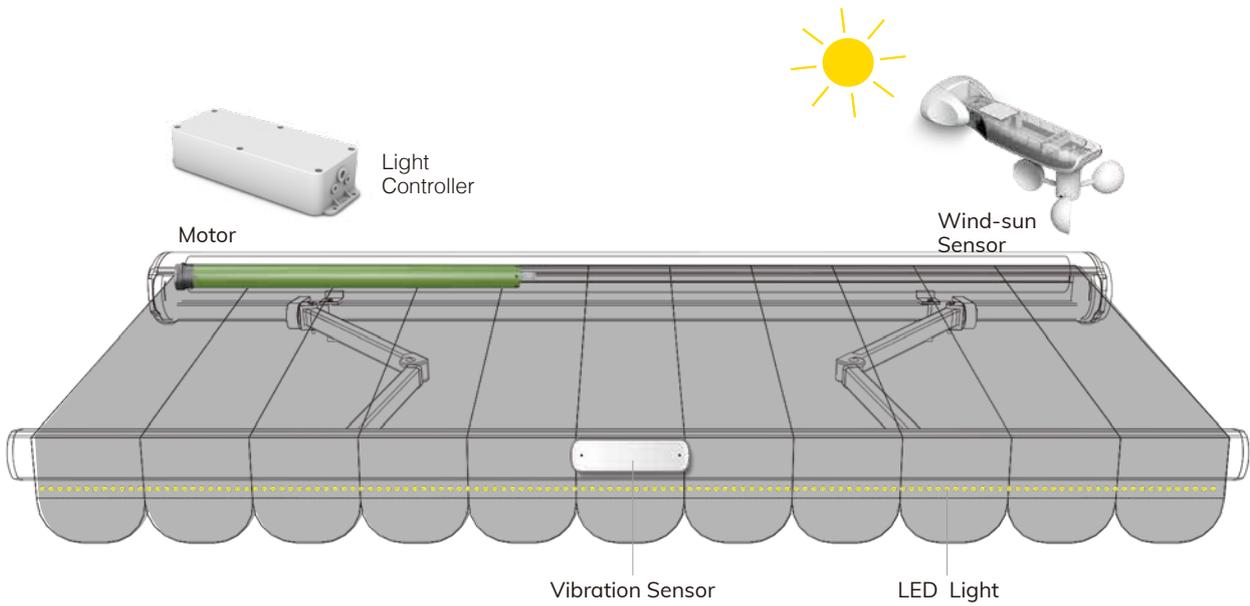
## Regular Features

- Built-in Receiver
- Mechanic Limit
- Manual Override
- Switch Direction
- Stall Protection
- Jog Mode
- APP Control

## Regular Features

- External Controller
- Mechanic Limit
- Manual Override
- Switch Direction

# Control Solution



## For Radio Motor



Light Controller  
DD1537MA

- Input voltage: AC 100~240V 50/60Hz
- LED control output: DC 24V/80W
- 3 levels brightness control
- Radio frequency: 433.92MHz
- Working temperature:-20°C~65°C
- Dimensions: 210\*76\*44(mm)

## For Manual Motor



Light Controller  
DD721HA

- Input voltage: AC 100~240V 50/60Hz
- Rated power: AC motor 500W  
LED: DC 12V/50W
- 3 levels brightness control
- Radio frequency: 433.92MHz
- Working temperature:-20°C~65°C
- Dimensions: 120\*50\*153(mm)

# AC Motor with LED Control



## Common Parameters

Rated Voltage	<b>230V</b>	Max. Limit Turns	$\infty$	Protection Degree	<b>IP44</b>
Radio Frequency	<b>433</b> MHz	Running Time	<b>&gt; 4min</b>	Working Temperature	<b>-20°C~65°C</b>
				Certification	

full-cassette  
awning only

**DM45ED/SA** 50Nm 12rpm 12V/36W LED

Rated Current **0.99A** Rated Power **228W**

Length *L=1011mm*

**DM45ED/SD** 50Nm 12rpm 24V/80W LED

Rated Current **0.99A** Rated Power **228W**

Length *L=1011mm*

**DM45RD/SF** 50Nm 12rpm 12V/36W LED

Rated Current **0.99A** Rated Power **228W**

Length *L=854mm*

**DM45RD/RS** 50Nm 12rpm 24V/80W LED

Rated Current **0.99A** Rated Power **228W**

Length *L=1014mm*



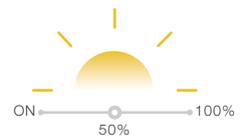
Auto Fabric Tension



Enable / Disable Sun Detection



Manual Override



Adjustable Light Brightness Level

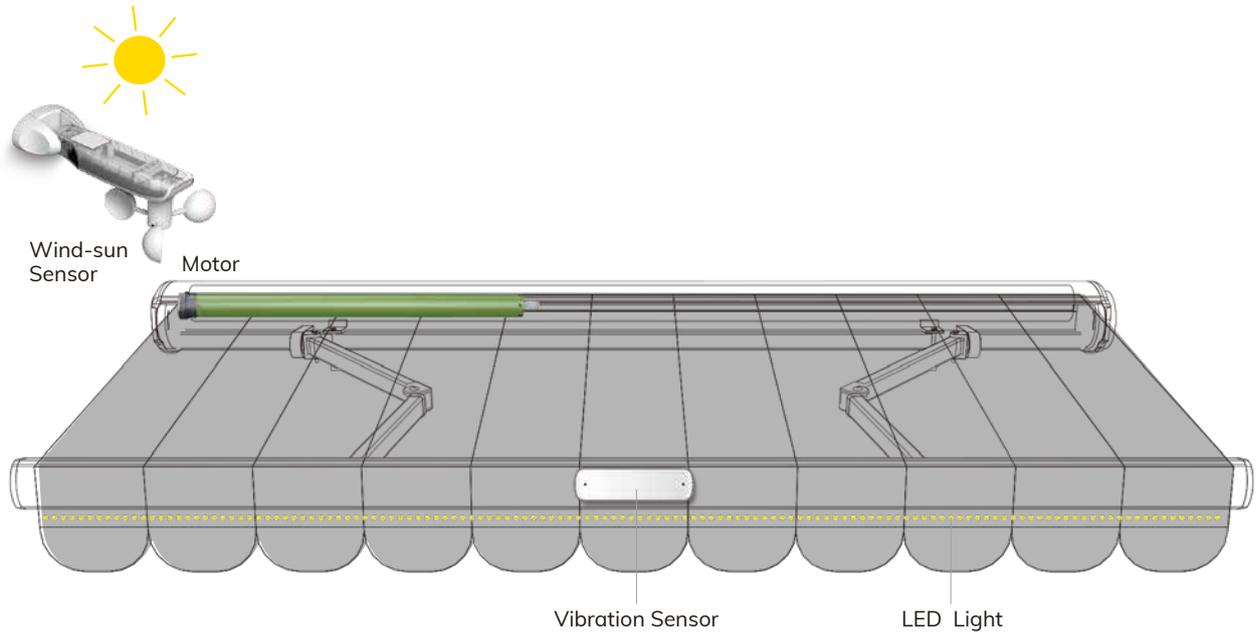
## Regular Features

- Electronic Limit
- Built-in Receiver
- Jog & Tilt
- Wind-sun Sensor Compatible
- Enable / Disable Sun Detection
- Integrated LED Control
- Switch Direction
- APP Control
- Preferred Stop Position
- Radio Lock
- Stall Protection
- Program Button
- Precise Limit Setting
- Setting Limit Via Fabric Tension
- Adjustable Light Brightness level
- Auto Fabric Tension

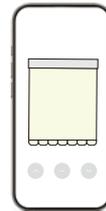
## Regular Features

- Mechanic Limit
- Built-in Receiver
- Jog & Tilt
- Wind-sun Sensor Compatible
- Enable/ Disable Sun Detection
- Integrated LED Control
- Manual Override
- APP Control

# Control Solution



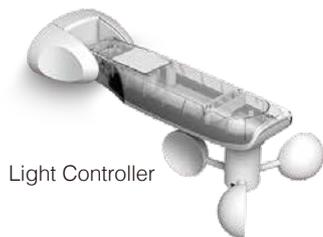
**Remote Control**  
See page 123



**APP Control**



**IoT (via bridge)**  
See page 39



**Light Controller**

**Wind-sun Sensor  
DD116B**

- Input power: AC100~240V, 50/60Hz
- Radio frequency: 433.92MHz
- Dimensions: 244\*110\*30(mm)



**Vibration Sensor  
DD510HE**

- For motorized awning
- Battery powered (2\*AAA)
- Adjustable 6 sensitivity levels
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 150\*41\*26(mm)



# Motorized Zip Screen

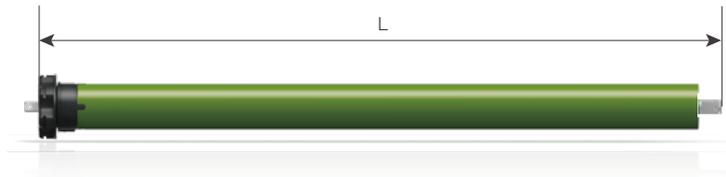
83 DC Stall Detection Motor

85 AC Stall Detection Motor

# 07

# DC Stall Detection Motor

 matter 
  THREAD 
  zigbee **Radio+**



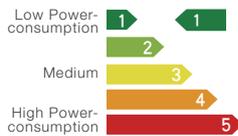
Outdoor Motorized Zip Blinds

## Common Parameters

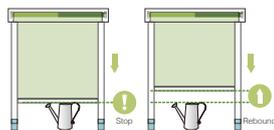
Rated Voltage	<b>12V</b>	Protection Degree	<b>IP44</b>	Max. Limit Turn	$\infty$
Radio Frequency	<b>433 MHz</b>	Running Time	<b>&gt; 6 min</b>	Working Temperature	<b>-20°C~65°C</b>
				Certification	<b>CE FCC-ID</b>

<b>DM45LEAF/S</b>		<b>20Nm 14rpm</b>	
Rated Current	<b>5.2A</b>	Power	<b>62W</b>
Battery Capacity	<b>5200mAh</b>	Length	<b>L=662mm</b>

<b>★ DM45XLF/S</b>		<b>20Nm 14rpm</b>	
Rated Current	<b>5.5A</b>	Power	<b>66W</b>
Battery Capacity	<b>5200mAh</b>	Length	<b>L=655mm</b>



**Energy Saving, Green Product**



**Super Reliable Stall Detection**



**★ High Stability & Ultra Long Lifespan**



**Battery Capacity Feedback**

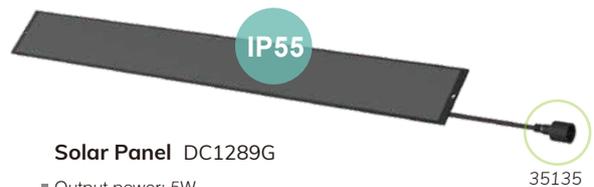
## Regular Features

- ★ Slow Start/Stop
- Built-in Lithium Battery
- Jog Mode
- ★ Brushless Motor
- Preferred Stop Position
- Solar Charging
- Auto Limit Setting
- Electronic Limit
- Program Button
- Built-in Receiver
- Switch Direction
- Radio Lock
- Stall Protection
- Speed Regulation
- APP Control

# Solution for Zip Screen



- Output power: 5W
- Output voltage: DC 16V
- Working temperature: -20°C~65°C
- Dimensions: 530\*57\*6 (mm)



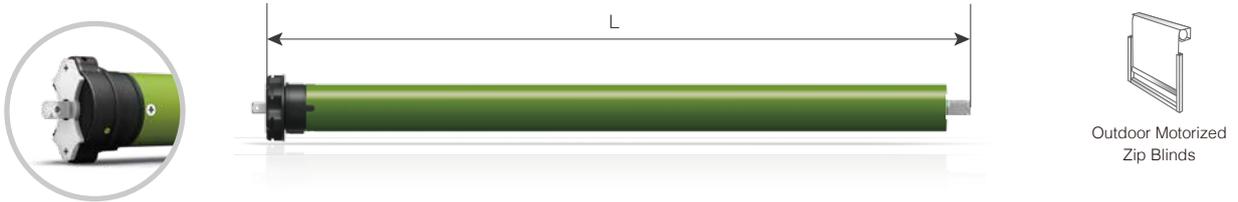
- Output power: 5W
- Output voltage: DC 16V
- Working temperature: -20°C~65°C
- Dimensions: 560\*65\*4 (mm)

## Accessories

### Direct Charging



# AC Stall Detection Motor

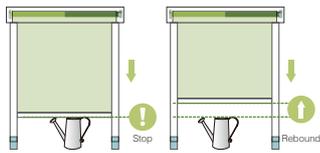


## Common Parameters

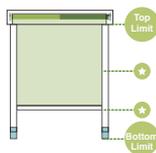
Rated Voltage	<b>230V</b>	Max. Limit Turns	$\infty$	Protection Degree	<b>IP44</b>
Running Time	<b>&gt;4min</b>	Working Temperature	<b>-20°C~65°C</b>	Certification	<b>CE</b>

<b>DM45EAF/S</b>	<b>20Nm 15rpm</b>	<b>Radio+</b>
Rated Current	<b>0.69A</b>	Rated Power <b>161W</b>
Radio Frequency	<b>433MHz</b>	Length <b>L=612mm</b>

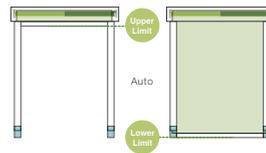
<b>DM45B/Z</b>	<b>20Nm 15rpm</b>	<b>SWITCH CONTROL</b>
Rated Current	<b>0.48A</b>	Rated Power <b>113W</b>
Length	<b>L=605mm</b>	



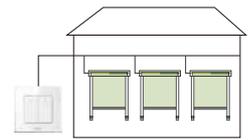
**Super Reliable Stall Detection**



**Multiple Stop Positions**



**Auto Limit Setting**



**Multi-motors with One Switch**

## Regular Features

- Electronic Limit
- Stall Protection
- Auto Limit Setting
- Preferred Stop Position
- Super Reliable Stall Detection
- Switch Control
- Switch Direction
- APP Control

## Regular Features

- Electronic Limit
- Stall Protection
- Auto Limit Setting
- External Program Button
- Super Reliable Stall Detection
- Switch Control
- Parallel Wiring
- Fabric Tension control

# Solution for Zip Screen



Wind-sun Sensor  
DD116B / DD118B



Rain Sensor  
DD1909H

## Radio Control



Auto Locking  
System



Remote Control  
*See Page 111*



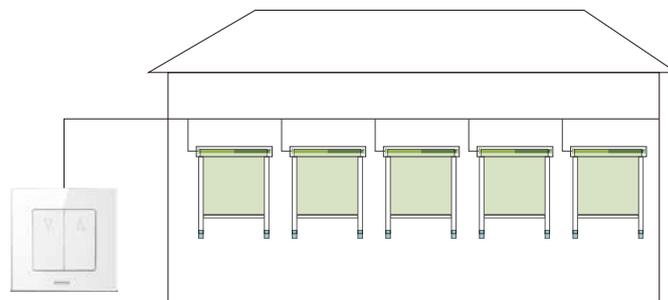
APP Control



IoT (via bridge)  
*See page 39*

## Switch Control

Multi-motors With One Switch



Interlock Switch  
DC866B



# Motorized Outdoor Sunshading

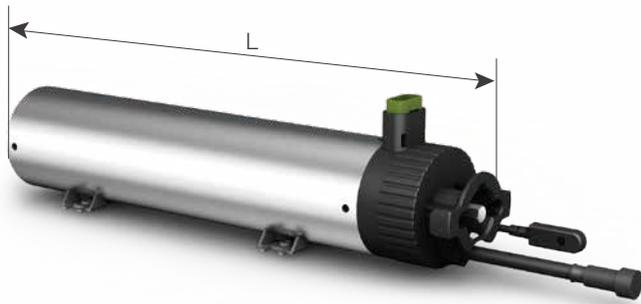
89 DC Brushless EVB Motor

91 AC EVB Motor

# 08

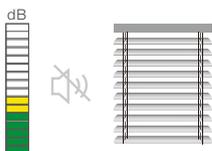
# DC Brushless EVB Motor

Ultra Long Lifespan & High Stability

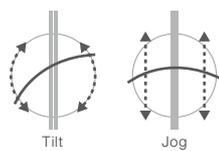


Motorized Aluminium Venetian Blinds

<b>12V</b>	<b>DV55XB</b>	<b>2x4.5Nm 15Rpm</b>			
Rated Current	<b>5.6A</b>	Rated Power	<b>68W</b>	Protection Degree	<b>IP54</b>
Certification	<b>CE FCC-ID</b>	Running Time	<b>&gt;6 min</b>	Working Temperature	<b>-20°C~65°C</b>
		Max. Limit Turns	<b>∞</b>	Length	<b>L=297mm</b>



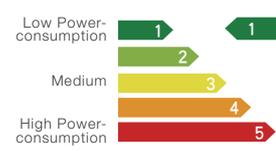
Low Noise



Tilt & Lift



IP54



Energy Saving, Green Product

## Regular Features

- Electronic Limit
- Dual Shaft Output
- IP54 Protection Level
- External Controller
- Brushless motor
- Emergency Stop Button
- DC Power Supply
- Ultra-long Life, Low Noise

# Control Solutions



**Wind-sun Sensor**  
DD118B



Solar Charging



**Remote control**  
*See page 119*



**APP Control**



**IoT (via bridge)**  
*See page 39*



**Solar Station** DD1538B

- For Max. 50Nm motor
- Output: DC 12V/15A
- Solar panel: 5W
- Battery Capacity: 5200mAh
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 625\*69\*45(mm)



**Solar Station** DD1292

- For Max. 50Nm motor
- Output : DC 12V/15A
- Solar panel: 5W
- Battery Capacity: 5200mAh
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 600\*28\*28(mm)



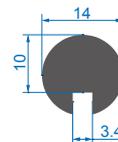
**Wind-sun Sensor** DD118B

- Solar powered, wireless
- Protection degree: IP54
- Radio frequency: 433.92mhz
- Working temperature: -20°C~60°C
- Dimension: 260\*104\*30(mm)

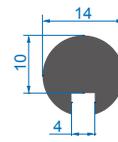
## Accessories



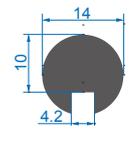
**Adapter**



DS110-02



DS110-01



WDS765-03



DS111-02

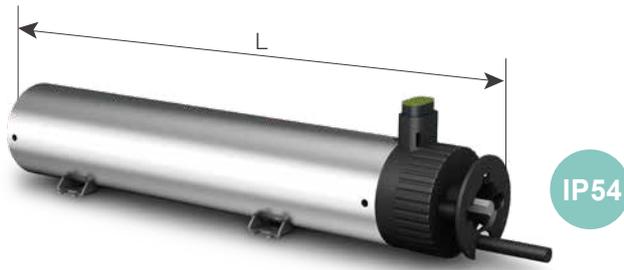


DS111-05



DS111-07

# AC EVB Motor



Motorized Aluminium Venetian Blinds

## Common Parameters

Rated Voltage **230V**

Max. Limit Turns **∞**

Running Time **>6min**

Protection Degree **IP54**

Working Temperature **-20°C~65°C**

Certification

**DVH55B 2x3Nm 26Rpm**

Rated Current **0.58A**

Rated Power **131W**

Length **L=327mm**

**DVH55B 2x4.5Nm 26Rpm**

Rated Current **0.61A**

Rated Power **139W**

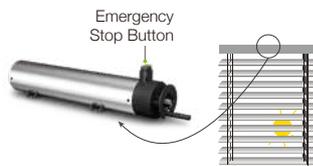
Length **L=327mm**

**DVH55B 2x9.5Nm 26Rpm**

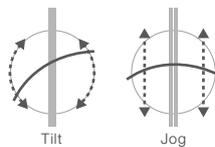
Rated Current **0.95A**

Rated Power **215W**

Length **L=361mm**



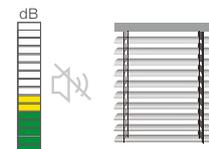
Dual Protection



Tilt & Lift



Quick-plug Cable



Low Noise

## Regular Features

- Electronic Limit
- External Controller
- Tilt & Lift
- Quick-plug Cable
- Emergency Stop Button
- Dual Shaft Output
- IP54 Protection Level

# Control Solutions



Wind-sun Sensor  
DD116B



Waterproof  
plug receiver  
DD291AH



Remote control  
*See page 119*



APP Control



IoT (via bridge)  
*See page 39*



Wind-sun  
Sensor  
DD116B

- Input power: AC 100~240V, 50/60Hz
- Radio frequency: 433.92MHz
- Dimensions: 244\*110\*30(mm)



Receiver  
DD50H

- For Max. 120Nm motor
- Max. paired emitters: 10 channels
- Input/Output voltage: AC 100~240V, 50/60Hz
- Power output: 500W
- Working temperature: -10°C~50°C
- Radio frequency: 433.92MHz
- Dimensions: 100\*27\*40.5(mm)



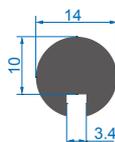
Waterproof  
Plug Receiver  
DD291AH

- For Max. 50Nm motor
- Switch direction
- Compatible with wind-sun-rain sensor
- Switch between jog & running mode
- Virtual limits
- Jog mode (tilt mode for venetian)
- Max. paired emitters: 10 channels
- Power output: 500W
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C

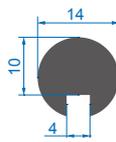
## Accessories



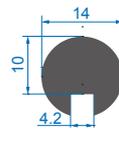
Adapter



DS110-02



DS110-01



WDS765-03



DS111-02



DS111-05



DS111-07



# Motorized Window System

95 Chain Window Actuator

97 Linear Actuator

09

# Chain Window Actuator

## Common Parameters

Protection Degree **IP55**

Working Temperature **-20°C~65°C**



**DJ51TS**    **100~240V**    **400Nm** **300mm**

Rated Current    **0.18A**    Rated Power    **23W**

Protection Degree **IP55**    Certification    **CE**

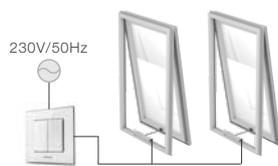
**DJ32DS**    **12V**    **200Nm** **300mm**

Rated Current    **1.26A**    Rated Power    **15W**

Protection Degree **IP55**    Certification    **CE FCC-ID**

**DJ32DS**    **24V**    **200Nm** **300mm**

Rated Current    **0.63A**    Rated Power    **15W**



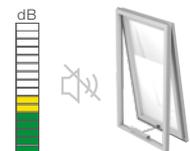
**Multi-motors With One Switch**



**Chain Type**



**Multiple Installation Options**



**Low Noise**

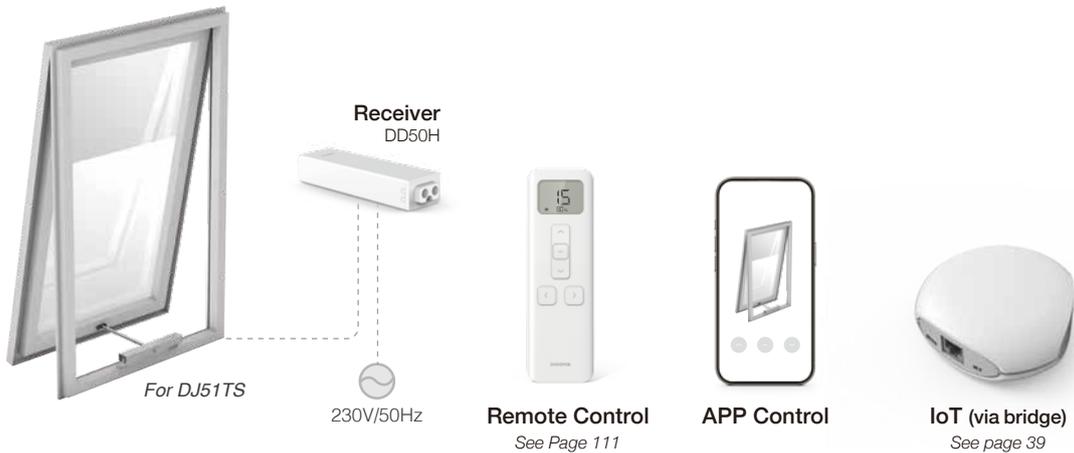
### Regular Features

- Chain Actuator
- AC 100-240V 50/60Hz
- Multi-motors With One Switch
- Multiple Installation Options
- Stall Protection

### Regular Features

- Chain Actuator
- DC Power Supply
- Stall Protection
- Emergency Stop Button
- Ultra-long Life, Low Noise

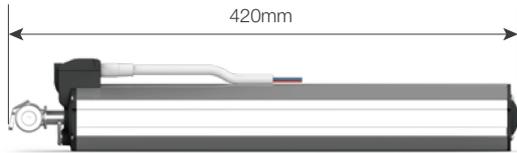
# Solution for **AC Chain Actuator**



# Solution for **DC Chain Actuator**

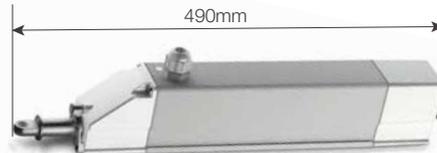


# Linear Actuator

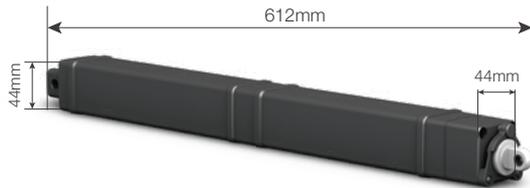


<b>DJ66S</b>	<b>230V</b>	<b>500Nm</b>	<b>300mm</b>
Rated Current	<b>0.8A</b>	Rated Power	<b>185W</b>
Length	<i>L=608mm</i>		Certification

IP55

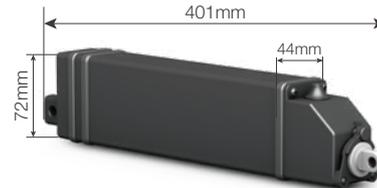


<b>DJ54TS</b>	<b>100-240V</b>	<b>450Nm</b>	<b>200mm</b>
Rated Current	<b>0.5A</b>	Rated Power	<b>37W</b>
Length	<i>L=642mm</i>		Certification



<b>DJ43DS</b>	<b>24V</b>	<b>400Nm</b>	<b>20-200mm</b>
Rated Current	<b>1.2A</b>	Rated Power	<b>28W</b>
Speed	<b>14mm/s</b>	Certification	

IP67

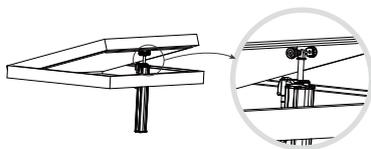


<b>DJ48DS</b>	<b>24V</b>	<b>400Nm</b>	<b>20-200mm</b>
Rated Current	<b>1.4A</b>	Rated Power	<b>34W</b>
Speed	<b>14mm/s</b>	Certification	

<b>DJ43DS</b>	<b>24V</b>	<b>2000Nm</b>	<b>20-200mm</b>
Rated Current	<b>1.6A</b>	Rated Power	<b>38W</b>
Speed	<b>4mm/s</b>	Certification	

<b>DJ48DS</b>	<b>24V</b>	<b>2000Nm</b>	<b>20-200mm</b>
Rated Current	<b>1.6A</b>	Rated Power	<b>38W</b>
Speed	<b>4mm/s</b>	Certification	

## Common Features



Linear Actuator



Adjustable Limit



Stable Mechanic Limit

# Solution for AC Linear Actuator



Receiver  
DD50H

230V/50Hz



Remote Control  
*See Page 111*



APP Control



IoT (via bridge)  
*See page 39*



Receiver  
DD50H

- For Max. 120Nm motor
- Max. paired emitters: 10 channels
- Input/Output voltage: AC 100~240V, 50/60Hz
- Power output: 500W
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 100\*27\*40.5(mm)



Waterproof Plug Receiver  
DD291AH

- For Max. 50Nm motor
- Switch direction
- Compatible with wind-sun-rain sensor
- Switch between jog & running mode
- Virtual limits
- Jog mode (tilt mode for venetian)
- Max. paired emitters: 10 channels
- Power output: 500W
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C

# Solution for DC Linear Actuator



Receiver  
DD1686H

230V/50Hz



Remote Control  
*See Page 111*



APP Control



IoT (via bridge)  
*See page 39*



Motorized Aluminium Pergola



Motorized Pergola  
with Retractable Awning

# Motorized Pergola

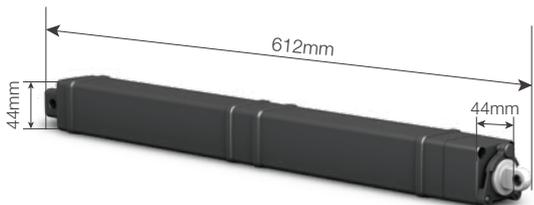
- 101 DC Louver Motor
- 103 AC Louver Motor with LED Control
- 105 AC Pergola Motor
- 107 AC Pergola Motor with External LED Control

10

# DC Louver Motor

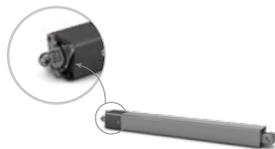
## Common Parameters

Rated Voltage **24V**                      Protection Degree **IP67**                      Working Temperature **-20°C~65°C**  
 Certification **CE FCC-ID**



<b>DJ43DS</b>	<b>400Nm 20-200mm</b>	
Speed	<b>14mm/s</b>	
Rated Current	<b>1.2A</b>	Rated Power <b>28W</b>
<b>2000Nm 20-200mm</b>		
Speed	<b>4mm/s</b>	
Rated Current	<b>1.6A</b>	Rated Power <b>38W</b>

<b>DJ36DB/Z</b>	<b>800Nm 20-200mm</b>	
Speed	<b>10mm/s</b>	
Rated Current	<b>1.8A</b>	Rated Power <b>42W</b>
<b>2000Nm 20-200mm</b>		
Speed	<b>3.5mm/s</b>	
Rated Current	<b>1.6A</b>	Rated Power <b>36W</b>



**Adjustable Limit**



**Stable Mechanical Limit**



**Auto Limit Setting**



**IP67**

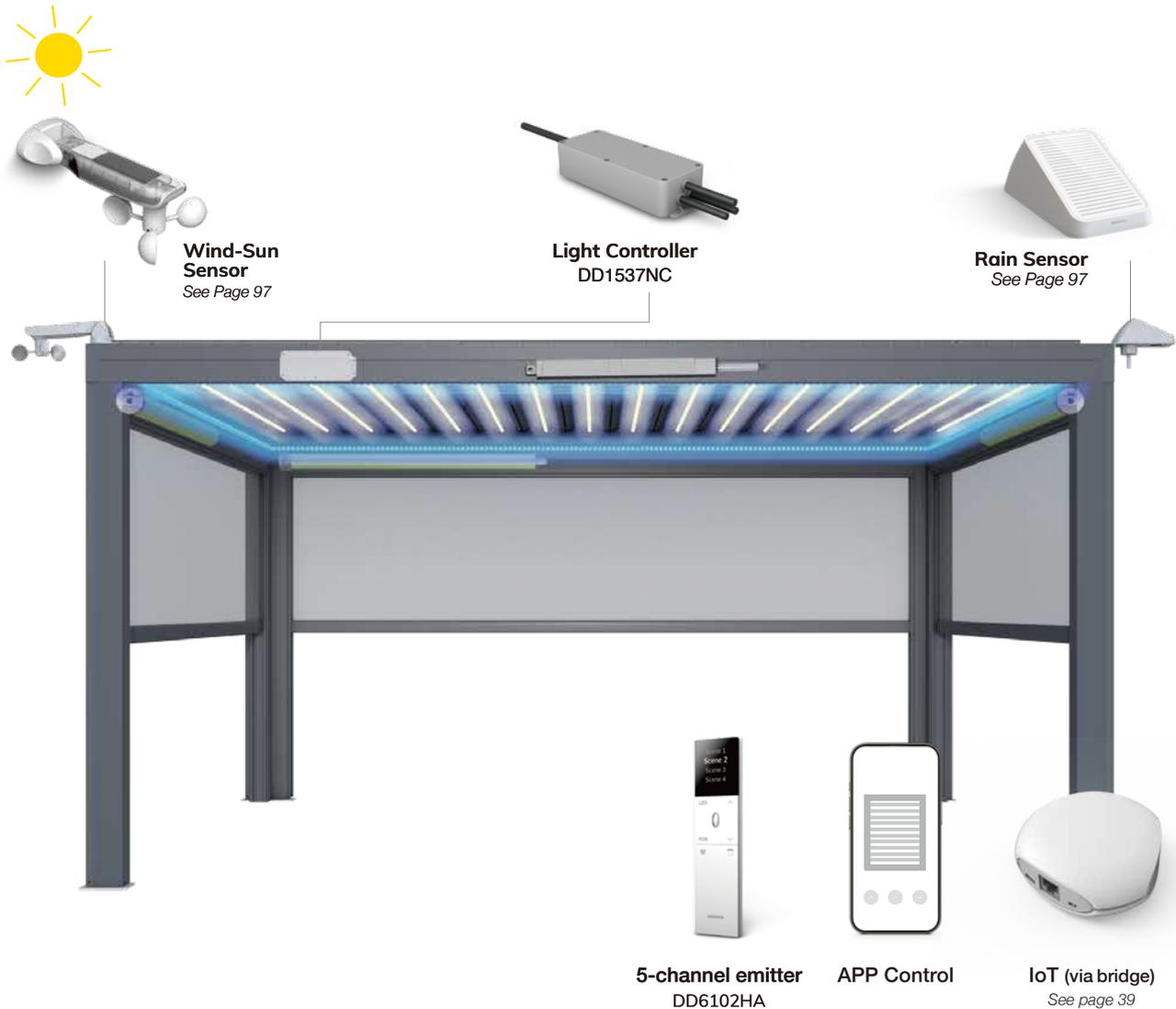
## Features

- External Controller
- Adjustable Limit
- Stall Protection
- Switch Direction
- Mechanic Limit

## Features

- External Controller
- Adjustable Limit
- Stall Protection
- Switch Direction
- Electronic Limit
- Program Button Limit Setting
- Automatic Limit Setting
- Auto Limit Calibration

# Solution for Louver



## Common Features (DD1537NA & DD1220H & DD1219H)

- Daisy chain via RS485
- Work with external actuator
- LED (RGB) Filament lamp
- Overheating protection
- 12 levels adjustable
- Memorized setting
- Wireless receiver
- Radio frequency: 433.92MHz
- Working temperature:-20°C~65°C



**Light Controller DD1537NC**

- Output: 210W(RGB) + 100W(LED)
- Input Voltage: DC 12/24V
- Dimensions: 210\*76\*44(mm)



**Light Controller DD1220H**

- Output: DC12V 200W(RGB)+100W(LED)  
DC24V 500W(RGB)+200W(LED)
- Input Voltage: DC 12V/24V
- Dimensions: 100\*52\*35(mm)



**Light Controller DD1219H**

- Intergrated power converter
- Output: DC24V 210W(RGB)+100W(LED)
- Input Voltage: AC 100~240V, 50/60Hz
- Dimensions: 410\*52\*35(mm)

# AC Louver Motor with LED Control

**Radio+**



Motorized Pergola

<b>100-240V</b>	<b>DJ36TE/S</b>	<b>400Nm 20-150mm</b>	<b>24V/60W LED</b>	Certification	CE
Rated Current	<b>0.45A</b>	Rated Power	<b>32W</b>	Working Temperature	<b>-20°C~65°C</b>
Speed	<b>15mm/s</b>	Protection Degree	<b>IP67</b>	Radio Frequency	<b>433 <math>\Rightarrow</math> MHz</b>



Electronic Limit



Auto Limit Setting



APP Control



24V 60W LED

Compatible with External Lighting

## Regular Features

- Electronic Limit
- Stall Protection
- Jog Mode
- Switch Direction
- Multiple Stop Positions
- Auto Limit Calibration
- Precise Limit Setting
- AC 100-240V, 50/60Hz

# Solution for Louver



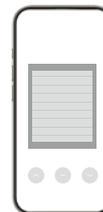
**Wind-Sun Sensor**  
DD118B



**Rain Sensor**  
DD1909H



**15-channel emitter**  
*See Page 111*



**APP Control**



**IoT (via bridge)**  
*See page 39*

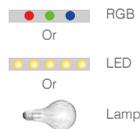
# AC Pergola Motor



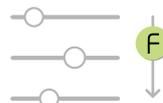
<b>230V</b>	<b>DV64E</b>	<b>2x25Nm 26Rpm</b>			
Rated Current	<b>2.22A</b>	Rated Power	<b>490W</b>	Protection Degree	<b>IP44</b> Certification  
Running Time	<b>&gt; 6 min</b>	Max. Limit Turns	<b>∞</b>	Working Temperature	<b>-20°C~65°C</b>



Electronic Limit



Compatible With External Lighting



Resistance Force Adjustable

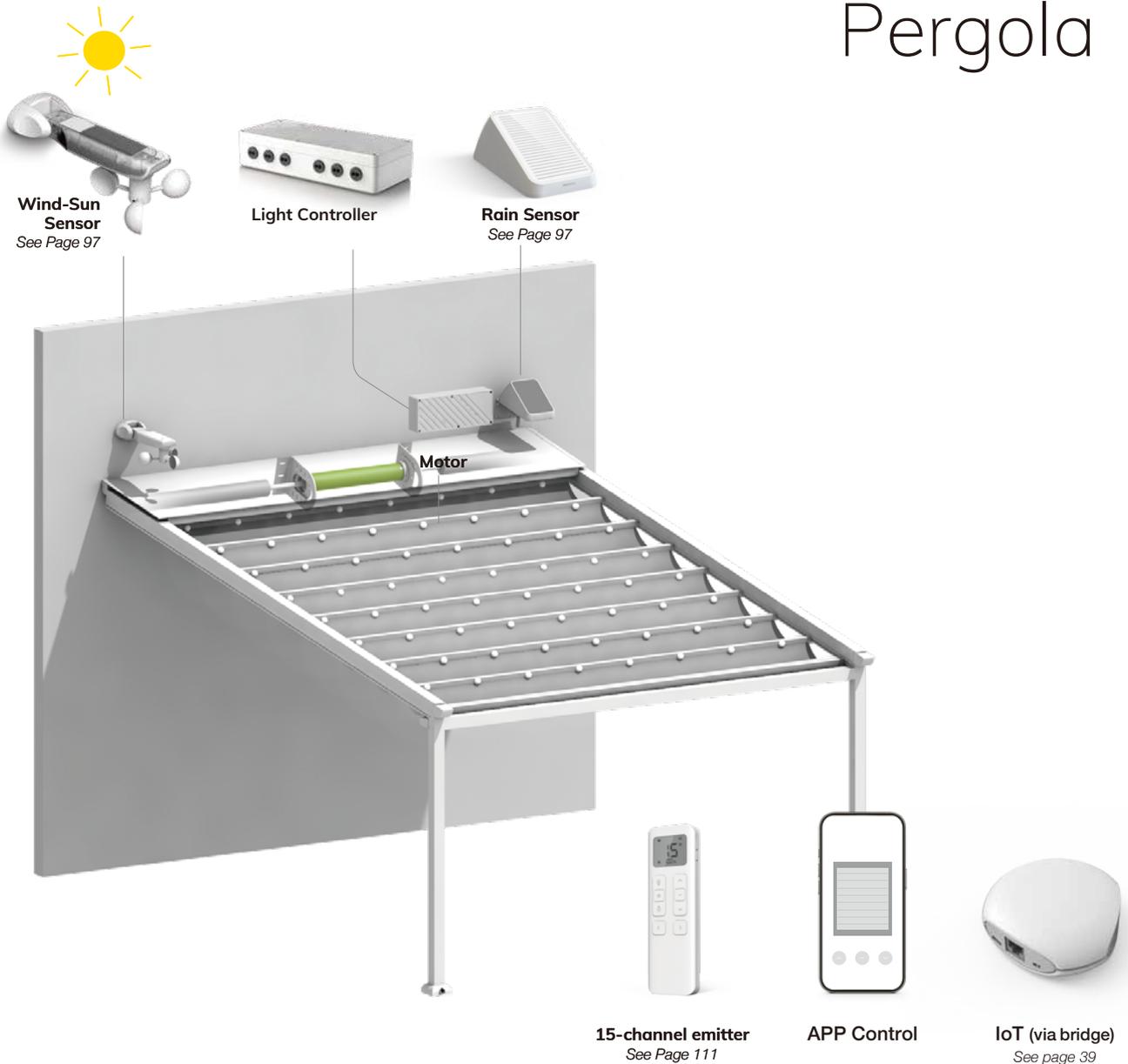


Compatible With Heater

## Regular Features

- Electronic Limit
- Dual Shaft Output
- Jog & Tilt
- Switch Direction
- Switch Control
- External Receiver
- Preferred Stop Position
- APP Control

# Solution for Pergola



**Wind-Sun Sensor**  
See Page 97

**Light Controller**

**Rain Sensor**  
See Page 97

**Motor**

**15-channel emitter**  
See Page 111

**APP Control**

**IoT (via bridge)**  
See page 39



**Light Controller**  
DD1641BA

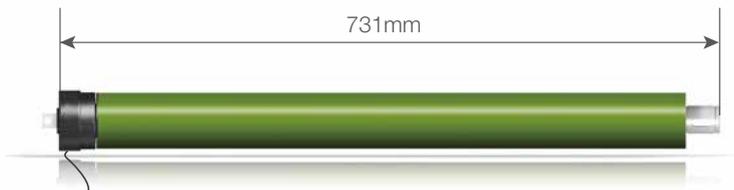
- LED (RGB), Filament lamp
- Overheating protection
- Memorized setting
- 12 levels adjustable
- Output: DC12/24V 210W(RGB)
- Input voltage: AC 230V/50Hz
- Radio frequency: 433.92MHz
- Working temperature: -20°C~65°C
- Dimensions: 260\*108\*58(mm)



**Light Controller**  
DD1410H

- Rated power: AC motor 500W  
AC light 900W  
AC heater 2400W
- External dry contact
- Adjustable resistant force
- Memorized setting
- Input voltage: AC 230V/50Hz
- Radio frequency: 433.92MHz
- Working temperature: -20°C~65°C
- Dimensions: 260\*108\*58(mm)

# AC Pergola Motor with External LED Control



Motorized Pergola

<b>230V</b>	<b>DM59EN/S</b>	<b>60Nm 15Rpm</b>					
Rated Current	<b>1.35A</b>	Rated Power	<b>310W</b>	Protection Degree	<b>IP44</b>	Certification	
Radio Frequency	<b>433 MHz</b>	Running Time	<b>&gt;4 min</b>	Max. Limit Turns	<b>∞</b>	Working Temperature	<b>-20°C~65°C</b>



Memorized Setting



Adjustable Fabric Tension Level



Enable / Disable Sun Detection



Status Feedback

## Regular Features

- Electronic Limit
- Switch Direction
- Sensitive Stall Detection
- Radio Lock
- Precise Limit Setting
- Sun-sensor Compatible
- Limit Fine Adjustment
- Jog & Tilt
- Stall Protection
- Preferred Stop Position
- Adjustable Fabric Tension Level
- APP Control

# Solution for Pergola



**Wind-Sun Sensor**  
See Page 97

**Light Controller DD1537NC**

**Rain Sensor**  
See Page 97

**15-channel emitter**  
See Page 111

**APP Control**

**IoT (via bridge)**  
See page 39

## Common Features (DD1537NA & DD1220H)

- Daisy chain via RS485
- LED (RGB) Filament lamp
- Wireless receiver
- Overheating protection
- 12 levels adjustable
- Memorized setting
- Radio frequency: 433.92MHz
- Working temperature:-20°C~65°C



**Light Controller DD1537NC**



**Light Controller DD1220H**

- Output: 210W(RGB) +100W(LED)
- Input Voltage: DC 12/24V
- Dimensions: 210\*76\*44(mm)

- Output: DC12V 200W(RGB)+100W(LED)  
DC24V 500W(RGB)+200W(LED)
- Input Voltage: DC 12V/24V
- Dimensions: 100\*52\*35(mm)

15-channel Scroll Wheel Emitter DD6102H



15-channel Emitter DD7602EF



# Control System

- 111 Emitter
- 126 Receiver
- 129 Group Controller
- 131 Converter
- 133 Others

**11**

# Emitter

DD7600H Series



-  Side buttons for tilt function
-  Radio Frequency: 433.92MHz
-  Battery: 2\*AAA
-  Working Temperature: -10°C ~ 50°C
-  Dimensions: 144\*45\*14.8(mm)

# Control System



Single-channel Emitter  
DD7600H



15-channel Emitter  
DD7602H

- Flexible number of channels
- Percentage control
- Motor Battery check



Single-channel  
Dual Control Emitter  
DD7660H

- For motorized curtain



15-channel  
Dual Control Emitter  
DD7662H

- Flexible number of channels
- Percentage control
- Motor Battery check



Single-channel Emitter  
DD7660AH

- Multiple stop positions



15-channel Emitter  
DD7662AH

- Flexible number of channels
- Percentage control
- Multiple stop positions
- Motor Battery check

# Emitter

## DD3170H SERIES



Radio Frequency: 433.92MHz



Battery: 2\*AAA



Working Temperature: -10°C ~ 50°C



Dimensions: 80\*80\*15.5(mm)



# Control System

## WALL-MOUNT SERIES



Portable  
Single-channel Emitter  
DD3170H

- For Venetian



Portable  
15-channel Emitter  
DD3172H

- For Venetian



Portable  
Single-channel Emitter  
DD3170AH

- Multiple stop positions



Portable 15-channel Emitter  
DD3172AH

- Flexible number of channels
- Multiple stop positions



Portable Single-channel  
Dual Control Emitter  
DD3171H

- For motorized curtain



Portable 15-channel  
Dual Control Emitter  
DD3173H

- Flexible number of channels
- Percentage control

# Emitter

DD7700H SERIES



 Radio Frequency: 433.92MHz

 Battery: 2\*AAA

 Working Temperature: -10°C ~ 50°C

 Dimensions: 133.5\*45\*13.5(mm)

# Control System



Single-channel Emitter  
DD7700H



15-channel Emitter  
DD7702H

- Flexible number of channels



Single-channel Timer Emitter  
DD7703H

- Timer mode  
(Regular, Manual, Random)



5-channel Timer Emitter  
DD7705H



Single-channel Emitter  
DD7710H

- For Venetian



15-channel Emitter  
DD7712H

- For Venetian



Single-channel Emitter  
DD7760HD

# Emitter

## DD3770H SERIES



Radio Frequency: 433.92MHz



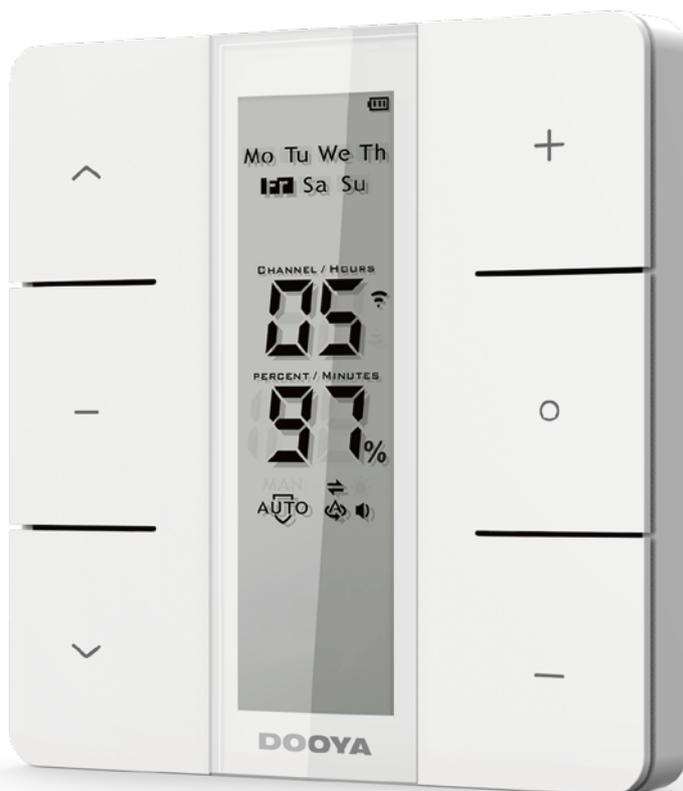
Battery: 2\*AAA



Working Temperature: -10°C ~ 50°C



Dimensions: 80\*80\*14(mm)



# Control System

## WALL-MOUNT SERIES



Portable  
Single-channel Emitter  
DD3770H



Portable  
Dual Channel Emitter  
DD3771H



Portable  
15-channel Emitter  
DD3772H



Portable Single-channel  
Timer Emitter  
DD3773H



Portable 5-channel  
Timer Emitter  
DD3775H



# Emitter

## DD1600 Series

 Radio Frequency: 433.92MHz

 Working Temperature: -10°C ~ 50°C

 Battery: 3V CR2450

 Dimensions: 130\*45\*10.5(mm)



Single-channel Emitter  
DD1600H



15-channel LCD Emitter  
DD1602H

- Flexible number of channels



Single-channel Timer Emitter  
DD1603H

- Timer mode  
(Auto, Manual, Random)



5-channel Timer Emitter  
DD1605H

- Timer mode  
(Auto, Manual, Random)



15-channel Editable Emitter  
DD1609H

- Editable channel name



Single-channel Emitter  
DD1610H

- For Venetian



15-channel LCD Emitter  
DD1612H

- For Venetian
- Flexible number of channels



## Wall-mount Series

 Radio Frequency: 433.92MHz

 Working Temperature: -10°C ~ 50°C

 Battery: 3V CR2430

 Dimensions: 86\*86\*11.7(mm)



Portable Single-channel Emitter  
DD1670H



Portable 15-channel Emitter  
DD1673H

- Flexible number of channels



Portable Single-channel  
Timer Emitter  
DD1675H



- Timer mode  
(Auto, Manual, Random)



Portable 5-channel  
Timer Emitter  
DD1676H



- Timer mode  
(Auto, Manual, Random)

# Emitter

## DD1800H Series

 Radio Frequency: 433.92MHz

 Working Temperature: -10°C ~ 50°C

 Battery: 3V CR2450

 Dimensions: 130\*45\*10.5(mm)



Single-channel Emitter  
DD1800H



15-channel LCD Emitter  
DD1802H

- Flexible number of channels



Single-channel Timer Emitter  
DD1803H

- Timer mode  
(Auto, Manual, Random)



5-channel Timer Emitter  
DD1805H

- Timer mode  
(Auto, Manual, Random)



Single-channel Emitter  
DD1810H

- For Venetian



15-channel LCD Emitter  
DD1812H

- For Venetian
- Flexible number of channels



## Wall-mount Series

 Radio Frequency: 433.92MHz

 Working Temperature: -10°C ~ 50°C

 Battery: 3V CR2430

 Dimensions: 86\*86\*11.7(mm)



Portable Single-channel  
Emitter  
DD1850H



Portable Single-channel  
Emitter  
DD1831H



Portable Dual Channel  
Emitter  
DD1851H



Portable 15-channel  
Emitter  
DD1853H

■ Flexible number of channels



 Portable Single-channel  
Timer Emitter  
DD1855H

■ Timer mode  
(Auto, Manual, Random)



 Portable 5-channel  
Timer Emitter  
DD1856H

■ Timer mode  
(Auto, Manual, Random)

# Emitter

## Lighting Control Series



Single-channel Emitter  
DD1600HE

- Light control



15-channel Emitter  
DD1602HE

- Light control



Single-channel Emitter  
DD7660E

- Light control
- Adjustable brightness



15-channel Emitter  
DD7662EF

- Light control
- Adjustable brightness
- Battery Check



Single-channel emitter  
DD7708H

- Light control



Single-channel Emitter  
DD7760HR

- Light control
- Adjustable brightness
- RGB color switching
- RGB Mode switching



Single-channel emitter  
DD1660J

- Light control
- Adjustable brightness
- RGB color switching
- RGB Mode switching



15-channel emitter  
DD7662L

- Light control
- Adjustable brightness
- RGB color switching
- RGB Mode switching
- Battery Check

# Emitter

## DD3000 Series

-  Radio Frequency: 433.92MHz
-  Battery: 2\*AAA
-  Working Temperature: -10°C ~ 50°C
-  Dimensions: 136\*42\*13.3(mm)



Single-channel Emitter  
DD3000H



5-channel Emitter  
DD3001H



15-channel Emitter  
DD3002H

■ Flexible number of channels

# Emitter

## Decora Series



Radio Frequency: 433.92MHz



Working Temperature: -10°C ~ 50°C



Battery: 1.5V\*2 (AAA)



Dimensions: 104\*44.6\*25(mm)



Single-channel Emitter  
DD1520H

- Wall-mount



15 - channel Emitter  
DD1522H

- Wall-mount



Single-channel Dual Control Emitter  
DD1530H

- Wall-mount



Portable 5 - channel Emitter  
DD6010H

- Individual and group control
- Wall-mount
- Battery: CR2430

# Receiver

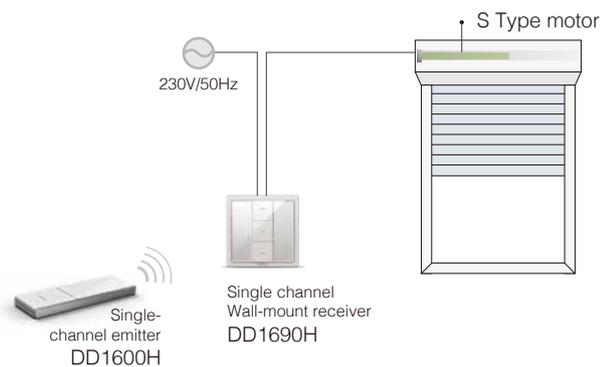
## Wall-mount Series

- For Max. 50Nm motor
- Jog mode (Tilt mode for venetian)
- Max. paired emitters: 10 channels
- Compatible with European wall-box

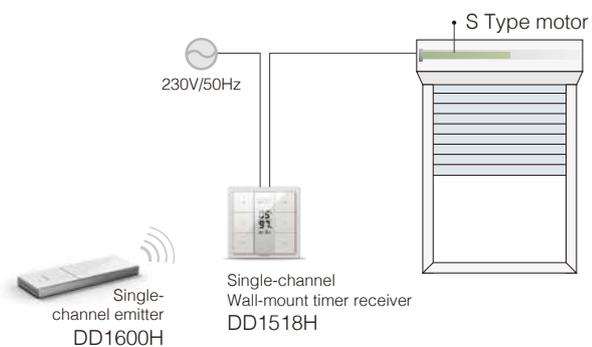
- Input voltage: AC 230V/50Hz
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 80\*80(mm)



Single-channel  
Wall-mount Receiver  
DD1690H



Single-channel  
Wall-mount Timer Receiver  
DD1518H



- Timer mode  
(Auto, Manual, Random)

# Receiver

## External Receiver Series

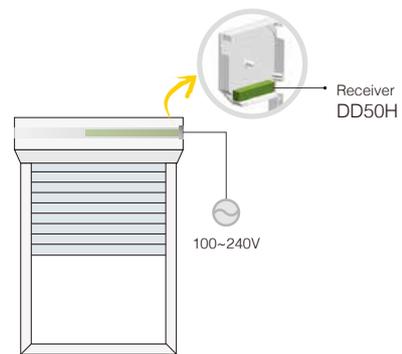
- For Max. 120Nm motor
- Max. paired emitters: 10 channels
- Input voltage: AC 100~240V, 50/60Hz
- Output power: 500W
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 100\*27\*40.5(mm)



Receiver  
DD50H



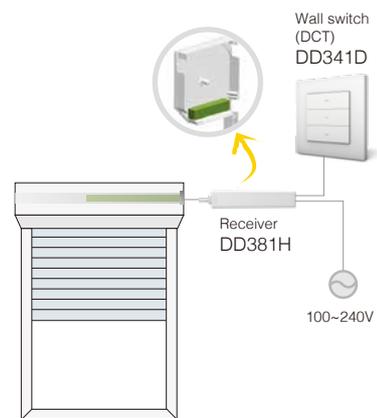
Single-  
channel emitter  
DD1600H



Receiver  
DD381H



Single-  
channel emitter  
DD1600H



- Jog mode (tilt mode for venetian)
- Dry contact input

# Receiver

## Flush Mount Receiver Series

- Max. paired emitters: 10 channels
- Radio frequency: 433.92MHz
- Input voltage: AC 230V/50Hz
- Output Power: 500W
- Working Temperature: -10°C~50°C
- Dimensions: 48\*45\*23 (mm)

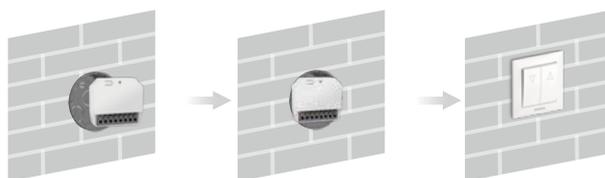


### Switch Module DD117

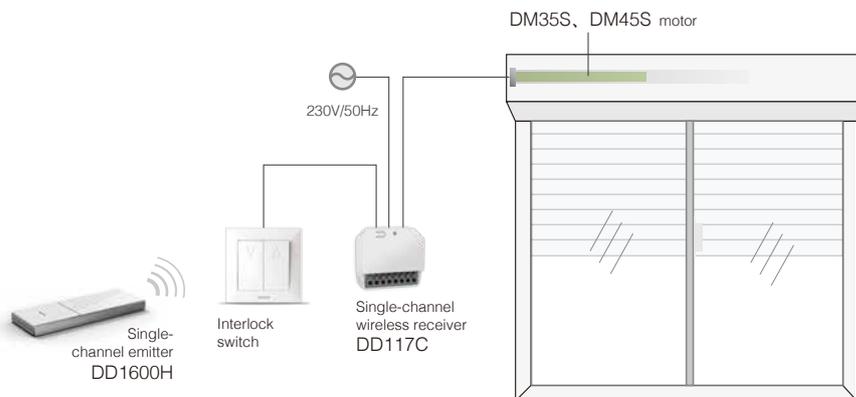
- One receiver per lamp
- For interlock wall switch

### Single - channel Wireless Receiver DD117C

- One receiver per motor
- Max torque: 50 Nm
- Sensitive stall detection (by current)
- Percentage control



EU Standard Flush Mount Box



# Group Controller



8-channel Group Controller  
DC550

- Max control 8 AC motors
- Compatible with all Mechanic switches
- Compatible with all motors without built-in radio
- Output: 8\*400W
- Input Voltage: AC 230V/50Hz
- Working temperature: -10°C~50°C
- Dimensions: 260\*111\*57(mm)

## Optional Controller



4-channel Group Controller  
DC134

- Specialized outdoor waterproof group controller
- Max. 60Nm\*4 units tubular motors



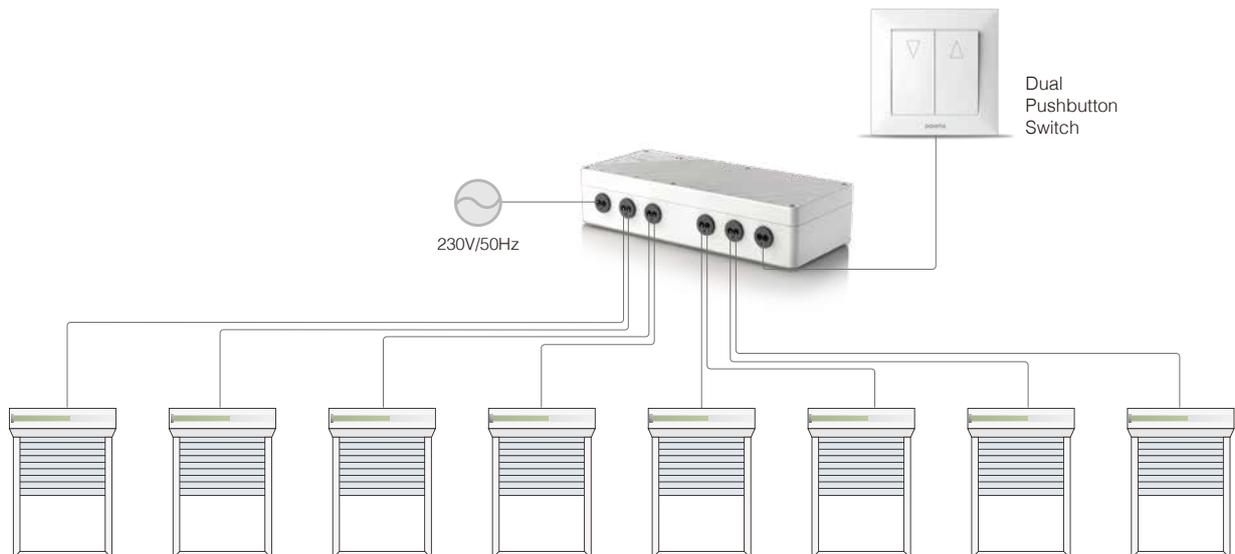
4-channel Group Controller  
DC509

- Max. 60Nm\*4 units tubular motors



4-channel Group Controller  
DC516

- Max. 60Nm\*4 units tubular motors



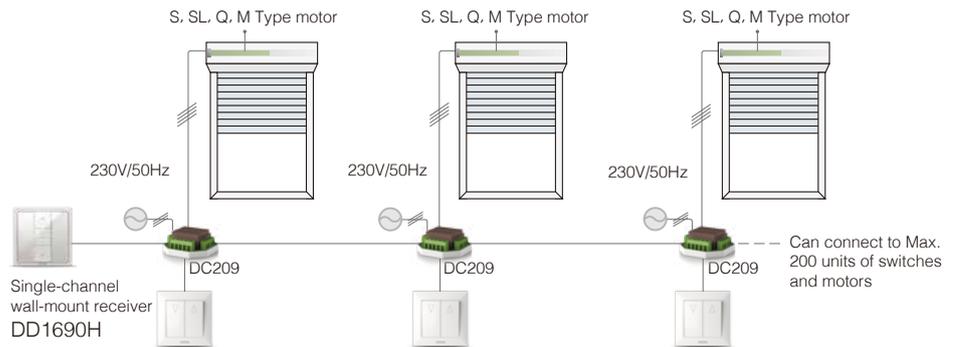
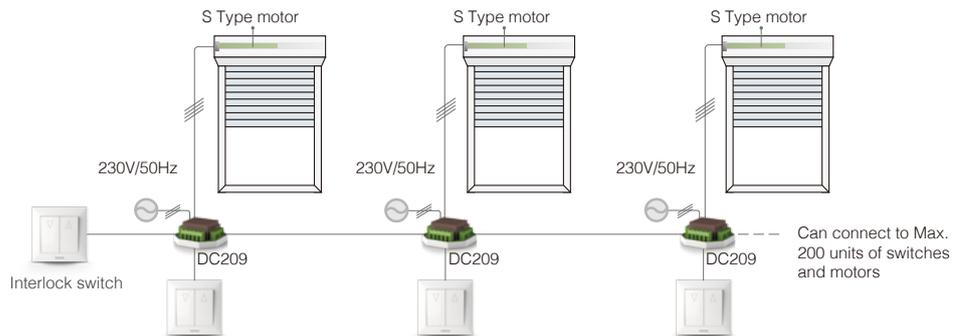


Group Controller  
DC209



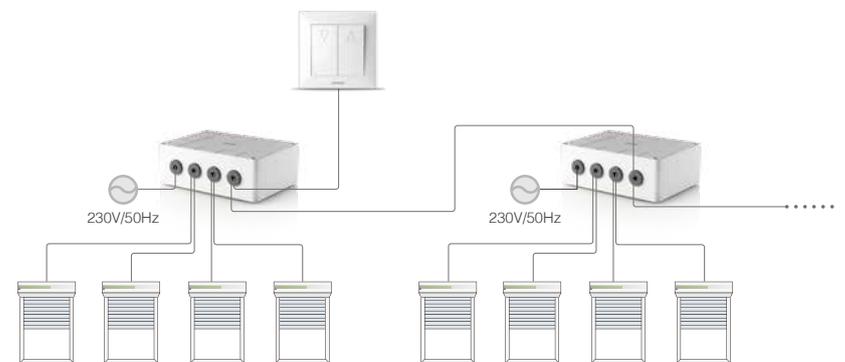
Group Controller  
DC213

- Max. 200 motors
- Multiple switch modes
- Group and zone control
- Input Voltage: AC 230V/50Hz
- Working temperature: -10°C~50°C
- Dimensions: 52\*52\*22(mm)



4-channel Group Controller  
DD161D

- Max. 4 motors
- Multiple switch modes
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 260\*111\*57(mm)

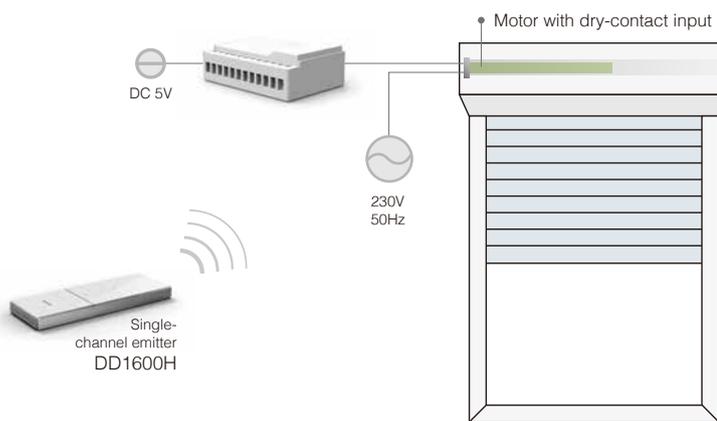


# Converter



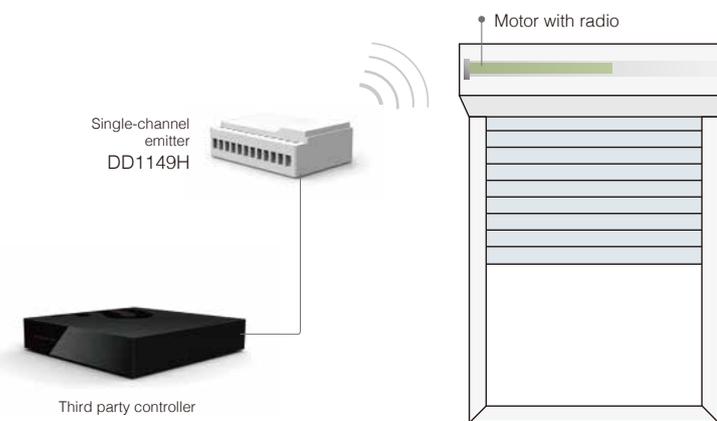
Radio To Dry Contact  
DC1149C

- Dry-contact output
- Power supply: DC 5V
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 65\*45\*27(mm)



Dry Contact To Radio  
DD1149H

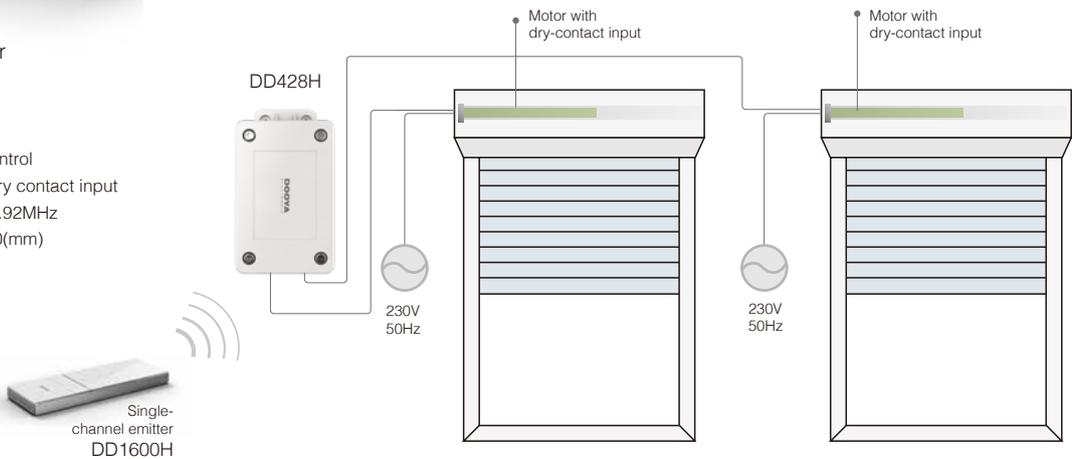
- Dry-contact input
- Power supply: DC 12V/ 24V
- Radio frequency: 433.92MHz
- Working temperature: -10°C~50°C
- Dimensions: 65\*45\*27(mm)





**Radio to Dry  
Contact Converter  
DD428H**

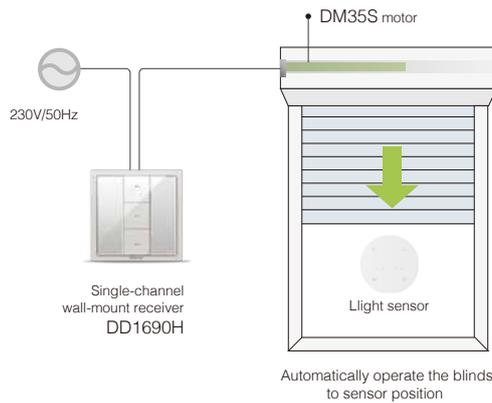
- Dry contact output
- One channel radio control
- Up to 3 motors with dry contact input
- Radio frequency: 433.92MHz
- Dimensions: 98\*55\*30(mm)



# Others



Light Sensor  
DD1183H

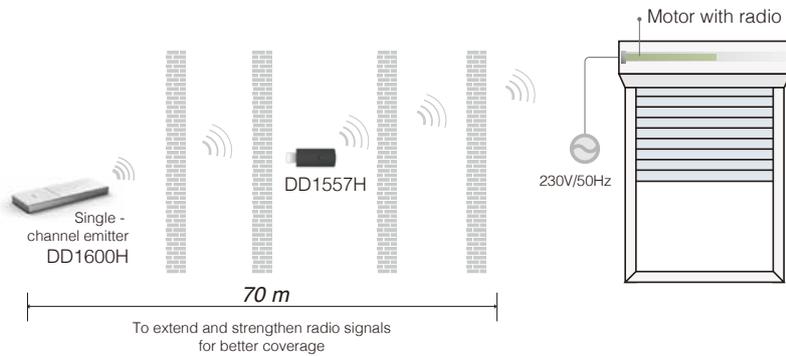


- 3 modes available
- 4 light intensity levels
- Ambient light detection
- Power supply: 1 x AAA
- Radio frequency: 433.92MHz
- Radio range: indoor > 30 meters
- Working temperature: -10°C~50°C
- Dimensions: Height 17mm, φ60mm



Repeater  
DD1557H

- Input voltage: USB 5V DC
- Radio Frequency: 433.92MHz
- Working temperature: -10°C~50°C

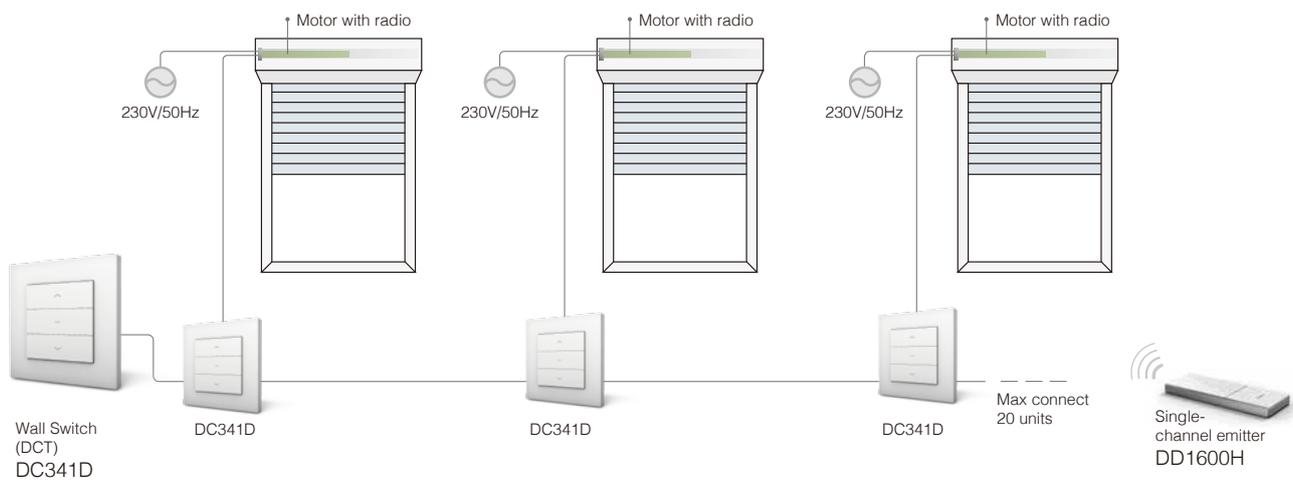




- Low-voltage control switch
- For 1 unit motor
- Light-touch function
- Working temperature: -10°C~55°C
- Dimensions: 80\*80mm

Wall Switch(DCT)  
DC341D

### Group Control Solution with Radio & Dry Contact (R & E Motor with Dry Contact Input)



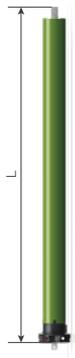


# Product Parameter

- 137 S Series
- 139 M Series
- 141 R Series
- 143 B Series
- 145 E Series
- 147 DS/DM Series
- 148 DV Series
- 150 DJ Series

12

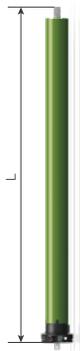
# Product Parameter



## 230V / 50Hz

		Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L (mm)	Certification
DM35S (Φ35)	DM35S-6/28	6	28	0.53	121	IP44	36	>4	-20°C~65°C	471	
	DM35S-10/17	10	17	0.53	121	IP44	36	>4	-20°C~65°C	471	
	DM35S-13/14	13	14	0.53	121	IP44	36	>4	-20°C~65°C	471	
DM45S (Φ45)	DM45S-10/15	10	15	0.49	112	IP44	45	>4	-20°C~65°C	471	
	DM45S-15/15	15	15	0.60	133	IP44	45	>4	-20°C~65°C	471	
	DM45S-20/15	20	15	0.64	145	IP44	45	>4	-20°C~65°C	471	
	DM45S-30/15	30	15	0.83	200	IP44	45	>4	-20°C~65°C	539	
	DM45S-40/15	40	15	0.86	198	IP44	45	>4	-20°C~65°C	539	
	DM45S-50/12	50	12	0.89	205	IP44	45	>4	-20°C~65°C	539	
DM55S (Φ55)	DM55S-60/12	60	12	1.39	320	IP44	22	>4	-20°C~65°C	585	
	DM55S-80/12	80	12	1.65	385	IP44	22	>4	-20°C~65°C	585	
	DM55S-100/10	100	10	1.68	393	IP44	22	>4	-20°C~65°C	585	
	DM55S-120/7	120	7	1.68	393	IP44	22	>4	-20°C~65°C	605	
DM59S (Φ59)	DM59S-60/15	60	15	1.35	310	IP44	22	>4	-20°C~65°C	660	
	DM59S-80/15	80	15	1.43	330	IP44	22	>4	-20°C~65°C	660	
	DM59S-100/12	100	12	1.54	345	IP44	22	>4	-20°C~65°C	660	
	DM59S-120/9	120	9	1.56	350	IP44	22	>4	-20°C~65°C	660	
	DM59S-140/7	140	7	1.66	385	IP44	22	>4	-20°C~65°C	660	
	DM59S-180/7	180	7	1.95	450	IP44	22	>4	-20°C~65°C	630	
DM64S (Φ64)	DM64S-140/7	140	7	2.07	475	IP44	22	>4	-20°C~65°C	658	
	DM64S-160/7	160	7	2.12	488	IP44	22	>4	-20°C~65°C	658	
	DM64S-180/7	180	7	2.43	558	IP44	22	>4	-20°C~65°C	658	

Note: Above-listed are common information for reference. Please consult Dooyea export team for technical details or customization specs.



**230V / 50Hz**

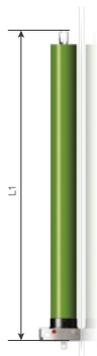
Model	Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L (mm)	Certification
DM92S (Φ92)	260	12	4.24	983	IP44	22	>4	-20°C~65°C	607	
DM92S-330	330	9	3.60	940	IP44	22	>4	-20°C~65°C	607	
DM92S-450	450	6	4.02	932	IP44	22	>4	-20°C~65°C	607	

**120V / 60Hz**

Model	Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L (mm)	Certification
DM35S (Φ35)	6	33	0.85	102	IP44	36	>4	-20°C~65°C	471	
DM35S-10/21	10	21	1.00	121	IP44	36	>4	-20°C~65°C	471	
DM35S-13/15	13	15	1.00	121	IP44	36	>4	-20°C~65°C	471	
DM45S-10/19	10	19	1.13	135	IP44	45	>4	-20°C~65°C	511	
DM45S-20/19	20	19	1.58	190	IP44	45	>4	-20°C~65°C	511	
DM45S-30/13	30	13	1.58	190	IP44	45	>4	-20°C~65°C	561	
DM45S-40/13	40	13	1.59	208	IP44	45	>4	-20°C~65°C	561	
DM45S-50/13	50	13	2.40	288	IP44	45	>4	-20°C~65°C	561	
DM55S-60/15	60	15	3.02	357	IP44	22	>4	-20°C~65°C	635	
DM55S-80/15	80	15	3.64	428	IP44	22	>4	-20°C~65°C	635	
DM55S-100/12	100	12	3.64	428	IP44	22	>4	-20°C~65°C	635	
DM59S (Φ59)	60	14	2.41	278	IP44	22	>4	-20°C~65°C	660	
DM59S-80/14	80	14	2.94	340	IP44	22	>4	-20°C~65°C	660	
DM59S-100/11	100	11	3.65	436	IP44	22	>4	-20°C~65°C	660	
DM59S-120/9	120	9	3.64	436	IP44	22	>4	-20°C~65°C	660	
DM92S (Φ92)	300	11	8.08	969	IP44	22	>4	-20°C~65°C	663	

Note: Above-listed are common information for reference. Please consult Dooyea export team for technical details or customization specs.

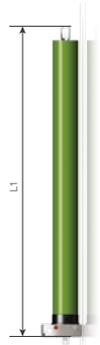
# Product Parameter



## 230V / 50Hz

		Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1 (mm)	Certification
DM45M (Φ45)	DM45M-20/15	20	15	0.64	145	IP44	22	>4	-20°C~65°C	549	
	DM45M-30/15	30	15	0.83	191	IP44	22	>4	-20°C~65°C	609	
	DM45M-40/15	40	15	0.86	198	IP44	22	>4	-20°C~65°C	609	
	DM45M-50/12	50	12	0.89	205	IP44	22	>4	-20°C~65°C	609	
DM55M (Φ55)	DM55M-60/12	60	12	1.39	320	IP44	22	>4	-20°C~65°C	633	
	DM55M-80/12	80	12	1.65	385	IP44	22	>4	-20°C~65°C	633	
	DM55M-100/10	100	10	1.68	393	IP44	22	>4	-20°C~65°C	633	
	DM55M-120/7	120	7	1.68	393	IP44	22	>4	-20°C~65°C	653	
DM59M (Φ59)	DM59M-60/15	60	15	1.35	310	IP44	22	>4	-20°C~65°C	657	
	DM59M-80/15	80	15	1.68	386	IP44	22	>4	-20°C~65°C	657	
	DM59M-100/12	100	12	1.74	400	IP44	22	>4	-20°C~65°C	657	
	DM59M-120/9	120	9	1.56	350	IP44	22	>4	-20°C~65°C	657	
DM59M-140/7	DM59M-140/7	140	7	2.20	510	IP44	22	>4	-20°C~65°C	657	
	DM59M-180/7	180	7	1.95	450	IP44	22	>4	-20°C~65°C	657	
DM64M (Φ64)	DM64M-140/7	140	7	2.07	475	IP44	22	>4	-20°C~65°C	819	
	DM64M-160/7	160	7	2.12	488	IP44	22	>4	-20°C~65°C	819	
	DM64M-180/7	180	7	2.43	558	IP44	22	>4	-20°C~65°C	819	
DM92M (Φ92)	DM92M-260	260	12	4.24	983	IP44	22	>4	-20°C~65°C	663	
	DM92M-330	330	9	3.60	940	IP44	22	>4	-20°C~65°C	663	
	DM92M-450	450	6	4.02	932	IP44	22	>4	-20°C~65°C	663	

Note: Above-listed are common information for reference. Please consult Dooyea export team for technical details or customization specs.

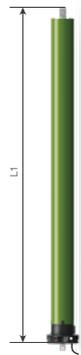


**120V / 60Hz**

	Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1 (mm)	Certification
DM45M (Φ45)	DM45M-20/19	19	1.58	190	IP44	22	>4	-20°C~65°C	609	cRU US
	DM45M-30/13	13	1.58	190	IP44	22	>4	-20°C~65°C	609	
	DM45M-40/13	13	1.59	208	IP44	22	>4	-20°C~65°C	629	
	DM45M-50/13	13	2.40	288	IP44	22	>4	-20°C~65°C	629	
	DM45M-60/9.5	9.5	2.46	290	IP44	22	>4	-20°C~65°C	649	
DM55M (Φ55)	DM55M-60/15	15	3.02	357	IP44	22	>4	-20°C~65°C	624	
	DM55M-80/15	15	3.64	428	IP44	22	>4	-20°C~65°C	683	
	DM55M-100/12	12	3.64	428	IP44	22	>4	-20°C~65°C	683	
DM59M (Φ59)	DM59M-60/14	14	2.41	278	IP44	22	>4	-20°C~65°C	657	cRU US
	DM59M-80/14	14	2.94	340	IP44	22	>4	-20°C~65°C	657	
	DM59M-100/11	11	2.94	340	IP44	22	>4	-20°C~65°C	657	
	DM59M-120/9	9	3.63	436	IP44	22	>4	-20°C~65°C	657	
DM64M (Φ64)	DM64M-160/9	9	4.78	552	IP44	22	>4	-20°C~65°C	819	
DM92M (Φ92)	DM92M-260	12	4.24	983	IP44	22	>4	-20°C~65°C	607	CE
	DM92M-330	9	3.60	940	IP44	22	>4	-20°C~65°C	607	
	DM92M-450	6	4.02	932	IP44	22	>4	-20°C~65°C	607	

Note: Above-listed are common information for reference.  
Please consult Dooyea export team for technical details or customization specs.

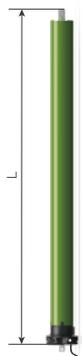
# Product Parameter



## 230V / 50Hz

	Rated Torque (Nm)	Rated Speed (Rpm)	Radio Frequency (MHz)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1 (mm)	Certification	
DM35R (Φ35)	DM35R-6/28	6	28	433±	0.53	121	IP44	36	>4	-20°C~65°C	591	
	DM35R-10/17	10	17	433±	0.53	121	IP44	36	>4	-20°C~65°C	591	
	DM35R-13/14	13	14	433±	0.53	121	IP44	36	>4	-20°C~65°C	591	
DM45R (Φ45)	DM45R-10/15	10	15	433±	0.49	112	IP44	45	>4	-20°C~65°C	611	
	DM45R-15/15	15	15	433±	0.60	133	IP44	45	>4	-20°C~65°C	661	
	DM45R-20/15	20	15	433±	0.64	145	IP44	45	>4	-20°C~65°C	611	
	DM45R-30/15	30	15	433±	0.83	191	IP44	45	>4	-20°C~65°C	641	
	DM45R-40/15	40	15	433±	0.86	198	IP44	45	>4	-20°C~65°C	641	
	DM45R-50/12	50	12	433±	0.89	205	IP44	45	>4	-20°C~65°C	641	
DM45R-60/8	60	8	433±	0.92	208	IP44	45	>4	-20°C~65°C	661		
DM55R (Φ55)	DM55R-60/12	60	12	433±	1.39	320	IP44	22	>4	-20°C~65°C	725	
	DM55R-80/12	80	12	433±	1.65	385	IP44	22	>4	-20°C~65°C	725	
	DM55R-100/10	100	10	433±	1.68	393	IP44	22	>4	-20°C~65°C	725	
	DM55R-120/7	120	7	433±	1.68	393	IP44	22	>4	-20°C~65°C	725	
DM59R (Φ59)	DM59R-60/15	60	15	433±	1.35	310	IP44	22	>4	-20°C~65°C	780	
	DM59R-80/15	80	15	433±	1.43	330	IP44	22	>4	-20°C~65°C	780	
	DM59R-100/12	100	12	433±	1.54	345	IP44	22	>4	-20°C~65°C	780	
	DM59R-120/9	120	9	433±	1.56	350	IP44	22	>4	-20°C~65°C	780	
	DM59R-140/7	140	7	433±	1.66	385	IP44	22	>4	-20°C~65°C	780	
	DM59R-180/7	180	7	433±	1.95	450	IP44	22	>4	-20°C~65°C	757	

Note: Above-listed are common information for reference. Please consult Dooyea export team for technical details or customization specs.

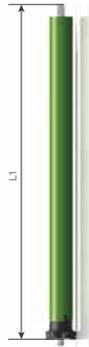


**120V / 60Hz**

	Rated Torque (Nm)	Rated Speed (Rpm)	Radio Frequency (MHz)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1 (mm)	Certification
DM35R (Φ35)	6	33	433±	0.85	102	IP44	36	>4	-20°C-65°C	591	
	10	21	433±	1.00	121	IP44	36	>4	-20°C-65°C	591	
	13	15	433±	1.00	121	IP44	36	>4	-20°C-65°C	591	
DM45R (Φ45)	10	19	433±	1.10	130	IP44	45	>4	-20°C-65°C	661	cULus
	20	19	433±	1.50	180	IP44	45	>4	-20°C-65°C	661	
	30	13	433±	1.60	185	IP44	45	>4	-20°C-65°C	701	
	40	13	433±	1.60	190	IP44	45	>4	-20°C-65°C	701	
	50	13	433±	2.40	269	IP44	45	>4	-20°C-65°C	701	
DM55R (Φ55)	80	15	433±	3.64	428	IP44	22	>4	-20°C-65°C	775	cULus
	100	12	433±	3.65	439	IP44	22	>4	-20°C-65°C	775	
DM59R (Φ59)	60	14	433±	2.41	278	IP44	22	>4	-20°C-65°C	780	cULus
	80	14	433±	2.94	340	IP44	22	>4	-20°C-65°C	780	
	100	11	433±	3.63	436	IP44	22	>4	-20°C-65°C	780	
	120	9	433±	3.63	436	IP44	22	>4	-20°C-65°C	772	
	140	9	433±	3.90	460	IP44	22	>4	-20°C-65°C	798	

Note: Above-listed are common information for reference. Please consult Dooya export team for technical details or customization specs.

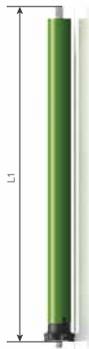
# Product Parameter



## 230V / 50Hz

		Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1 (mm)	Certification
DM35B (Φ35)	DM35B-6/28	6	28	0.63	144	IP44	∞	>4	-20°C-65°C	580	
	DM35B-10/17	10	17	0.63	144	IP44	∞	>4	-20°C-65°C	580	
	DM35B-13/14	13	14	0.63	144	IP44	∞	>4	-20°C-65°C	580	
DM45B (Φ45)	DM45B-10/15	10	15	0.48	113	IP44	∞	>4	-20°C-65°C	608	
	DM45B-20/15	20	15	0.69	161	IP44	∞	>4	-20°C-65°C	608	
	DM45B-30/15	30	15	0.87	200	IP44	∞	>4	-20°C-65°C	658	
	DM45B-40/12	40	12	0.95	218	IP44	∞	>4	-20°C-65°C	658	
	DM45B-50/12	50	12	0.99	228	IP44	∞	>4	-20°C-65°C	658	
DM59B (Φ59)	DM59B-60/15	60	15	1.35	310	IP44	∞	>4	-20°C-65°C	730	
	DM59B-80/15	80	15	1.43	330	IP44	∞	>4	-20°C-65°C	730	
	DM59B-100/9	100	9	1.52	340	IP44	∞	>4	-20°C-65°C	730	
	DM59B-120/9	120	9	1.56	350	IP44	∞	>4	-20°C-65°C	730	

Note: Above-listed are common information for reference. Please consult Dooya export team for technical details or customization specs.

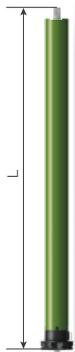


**120V / 60Hz**

		Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1 (mm)	Certification
DM35B (Φ35)	DM35B-6/33	6	33	0.85	102	IP44	∞	>4	-20°C-65°C	580	cULUS
	DM35B-10/21	10	21	1.00	121	IP44	∞	>4	-20°C-65°C	580	
	DM35B-13/15	13	15	1.00	121	IP44	∞	>4	-20°C-65°C	580	
DM45B (Φ45)	DM45B-10/19	10	19	1.10	130	IP44	∞	>4	-20°C-65°C	568	cULUS
	DM45B-20/19	20	19	1.50	180	IP44	∞	>4	-20°C-65°C	608	
	DM45B-30/13	30	13	1.60	185	IP44	∞	>4	-20°C-65°C	608	
	DM45B-40/13	40	13	1.60	191	IP44	∞	>4	-20°C-65°C	608	
	DM45B-50/13	50	13	2.40	269	IP44	∞	>4	-20°C-65°C	658	

Note: Above-listed are common information for reference. Please consult Dooyea export team for technical details or customization specs.

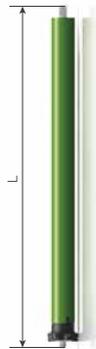
# Product Parameter



## 230V / 50Hz

	Rated Torque (Nm)	Rated Speed (Rpm)	Radio Frequency (MHz)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L (mm)	Certification
DM35E (Φ35)	DM35E-6/28	28	433±	0.63	144	IP44	∞	>4	-20°C-65°C	582	TUV CE
	DM35E-10/17	17	433±	0.63	144	IP44	∞	>4	-20°C-65°C	582	
	DM35E-13/14	14	433±	0.63	144	IP44	∞	>4	-20°C-65°C	582	
DM45E (Φ45)	DM45E-10/15	15	433±	0.48	113	IP44	∞	>4	-20°C-65°C	608	TUV NF CE CB AEG
	DM45E-10/26	26	433±	0.69	161	IP44	∞	>4	-20°C-65°C	608	
	DM45E-20/15	15	433±	0.69	161	IP44	∞	>4	-20°C-65°C	608	
	DM45E-30/15	15	433±	0.87	200	IP44	∞	>4	-20°C-65°C	658	
	DM45E-40/15	15	433±	0.99	228	IP44	∞	>4	-20°C-65°C	658	
	DM45E-50/12	12	433±	0.99	228	IP44	∞	>4	-20°C-65°C	658	
DM55E (Φ55)	DM55E-60/12	12	433±	1.39	320	IP44	∞	>4	-20°C-65°C	725	CE
	DM55E-80/12	12	433±	1.70	393	IP44	∞	>4	-20°C-65°C	725	
	DM55E-100/10	10	433±	1.70	393	IP44	∞	>4	-20°C-65°C	725	
	DM55E-120/7	7	433±	1.70	393	IP44	∞	>4	-20°C-65°C	745	
DM59E (Φ59)	DM59E-60/15	15	433±	1.35	310	IP44	∞	>4	-20°C-65°C	730	CE
	DM59E-80/15	15	433±	1.43	330	IP44	∞	>4	-20°C-65°C	730	
	DM59E-100/12	12	433±	1.54	345	IP44	∞	>4	-20°C-65°C	730	
	DM59E-120/9	9	433±	1.56	350	IP44	∞	>4	-20°C-65°C	730	

Note: Above-listed are common information for reference. Please consult Dooyea export team for technical details or customization specs.



**120V / 60HZ**

		Rated Torque (Nm)	Rated Speed (Rpm)	Radio Frequency (MHz)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L (mm)	Certification	
DM35E (Φ35)	DM35E-6/33	6	33	433±	0.85	102	IP44	∞	>4	-20°C-65°C	582		
	DM35E-10/21	10	21	433±	1.00	121	IP44	∞	>4	-20°C-65°C	582		
	DM35E-13/15	13	15	433±	1.00	121	IP44	∞	>4	-20°C-65°C	582		
DM45E (Φ45)	DM45E-10/19	10	19	433±	1.10	130	IP44	∞	>4	-20°C-65°C	608		
	DM45E-10/32	10	32	433±	1.20	140	IP44	∞	>4	-20°C-65°C	608		
	DM45E-20/19	20	19	433±	1.50	180	IP44	∞	>4	-20°C-65°C	608		
	DM45E-30/13	30	13	433±	1.60	185	IP44	∞	>4	-20°C-65°C	658		
	DM45E-40/13	40	13	433±	1.60	191	IP44	∞	>4	-20°C-65°C	658		
	DM45E-50/13	50	13	433±	2.40	269	IP44	∞	>4	-20°C-65°C	658		
DM55E (Φ55)	DM55E-80/15	80	15	433±	3.48	418	IP44	∞	>4	-20°C-65°C	775		
	DM55E-100/12	100	12	433±	3.65	439	IP44	∞	>4	-20°C-65°C	775		

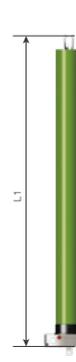
Note: Above-listed are common information for reference. Please consult Dooya export team for technical details or customization specs.

# Product Parameter



## 12V

		Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1 (mm)	Certification
DM35DS (Φ35)	DM35DS-6/24	6	24	3.75	45	IP44	30	>6	-20°C-65°C	510	CE
	DM35DS-13/11	13	11	3.00	35	IP20	30	>6	-20°C-65°C	540	
DM45DS (Φ45)	DM45DS-20/14	20	14	3.30	80	IP44	22	>6	-20°C-65°C	562	
	DM45DS-35/7	35	7	7.10	84	IP44	22	>6	-20°C-65°C	562	
	DM45DS-50/5	50	5	7.50	90	IP44	22	>6	-20°C-65°C	562	
	DM45DS-50/12	50	12	11.80	142	IP44	22	>6	-20°C-65°C	662	



## 12V

		Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1 (mm)	Certification
DM45DM (Φ45)	DM45DM-20/14	20	14	6.00	72	IP44	22	>6	-20°C-65°C	669	CE
	DM45DM-35/7	35	7	7.10	84	IP44	22	>6	-20°C-65°C	569	
	DM45DM-50/5	50	5	6.00	72	IP44	22	>6	-20°C-65°C	669	
	DM45DM-50/12	50	12	11.80	142	IP44	22	>6	-20°C-65°C	779	

Note: Above-listed are common information for reference. Please consult Dooya export team for technical details or customization specs.



**230V / 50Hz**

	Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1/L2/L3 (mm)	Certification
DVH55B	2x3	26	0.58	131	IP54	∞	>6	-20°C~65°C	327	
	2x4.5	26	0.61	139	IP54	∞	>6	-20°C~65°C	327	
	2x9.5	26	0.95	215	IP54	∞	>6	-20°C~65°C	361	

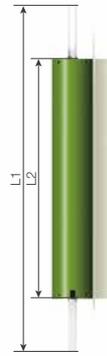


**12V**

	Rated Torque (Nm)	Rated Speed (Rpm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Max. Limit Turns (turn)	Running Time (min)	Working Temperature (°C)	L1/L2/L3 (mm)	Certification
DV55XB	2x4.5	15	5.6	68	IP54	∞	>6	-20°C~65°C	297	

*Note: Above-listed are common information for reference. Please consult Dovy export team for technical details or customization specs.*

# Product Parameter

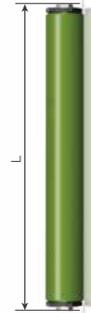


## 230V / 50Hz

DV64E	DV64E-2x25/26	2x25	26	2.22	490	IP44	∞	>4	-20°C-65°C	571/403	CE
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## 120V / 60Hz

DV64E	DV64E-2x25/32	2x25	32	4.58	550	IP44	∞	>4	-20°C-65°C	571/403	
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## 12V

DV24DJ/S	DV24DJ/S-0.2/28	0.2	28	0.41	5	IP20	∞	>4	-20°C-65°C	196	CE
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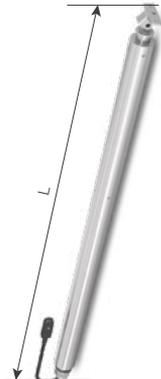
Note: Above-listed are common information for reference.  
Please consult Dooyea export team for technical details or customization specs.



**100~240V**

Force (N)	Stroke (mm)	Speed (mm/s)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Working Temperature (°C)	L (mm)	Certification
400	20-150	15	0.45	32	IP67	-20°C-65°C	750	CE

DJ36TE/S | DJ36TE/S-400/20-150



**24V**

Force (N)	Stroke (mm)	Speed (mm/s)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Working Temperature (°C)	L (mm)	Certification
800	20-200	10	1.8	42	IP67	-20°C-65°C	750	CE
2000	2000-300	3.5	1.6	36	IP67	-20°C-65°C	750	

DJ36D B/Z | DJ36D B/Z-800/20-200  
DJ36D B/Z-2000/20-200



**24V**

Force (N)	Stroke (mm)	Speed (mm/s)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Working Temperature (°C)	L (mm)	Certification
400	20-200	14	1.2	28	IP67	-20°C-65°C	612	CE
2000	2000-300	4	1.6	38	IP67	-20°C-65°C	612	

DJ43DS | DJ43DS-400/20-200  
DJ43DS-2000/20-200



**24V**

Force (N)	Stroke (mm)	Speed (mm/s)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Working Temperature (°C)	L (mm)	Certification
400	20-200	14	1.4	34	IP67	-20°C-65°C	401	CE
2000	2000-300	4	1.6	38	IP67	-20°C-65°C	401	

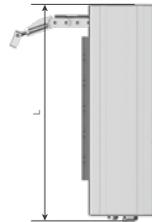
DJ48DS | DJ48DS-400/20-200  
DJ48DS-2000/20-200

Note: Above-listed are common information for reference. Please consult Dooya export team for technical details or customization specs.

# Product Parameter



		Force (N)	Stroke (mm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Working Temperature (°C)	L (mm)	Certification
<b>12V</b>	DJ32DS	200	200	1.26	15	IP20	-20°C-65°C	438	CE
	DJ32DS-200/200 DJ32DS-200/300	200	300	1.26	15	IP20	-20°C-65°C	438	
<b>24V</b>	DJ32DS	200	300	0.63	15	IP20	-20°C-65°C	438	CE



		Force (N)	Stroke (mm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Working Temperature (°C)	L (mm)	Certification
<b>230V / 50Hz</b>	DJ50S	150	300	0.67	150	IP20	-20°C-65°C	271	CE



		Force (N)	Stroke (mm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Working Temperature (°C)	L (mm)	Certification
<b>24V</b>	DJ51DS	300	150	0.80	19	IP20	-20°C-65°C	410	CE
	DJ51DS-300/150 DJ51DS-400/300	400	300	0.80	19	IP20	-20°C-65°C	410	
<b>100-240V 50/60Hz</b>	DJ51TS	400	300	0.18	23	IP20	-20°C-65°C	540	CE

Note: Above-listed are common information for reference.  
Please consult Dooya export team for technical details or customization specs.



	Force (N)	Stroke (mm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Working Temperature (°C)	L (mm)	Certification
<b>24V</b>								
DJ52DS	600	300	1.60	36	IP20	-20°C~65°C	873	CE
<b>100-240V 50/60Hz</b>								
DJ52TS	600	300	0.38	50	IP20	-20°C~65°C	1085	CE

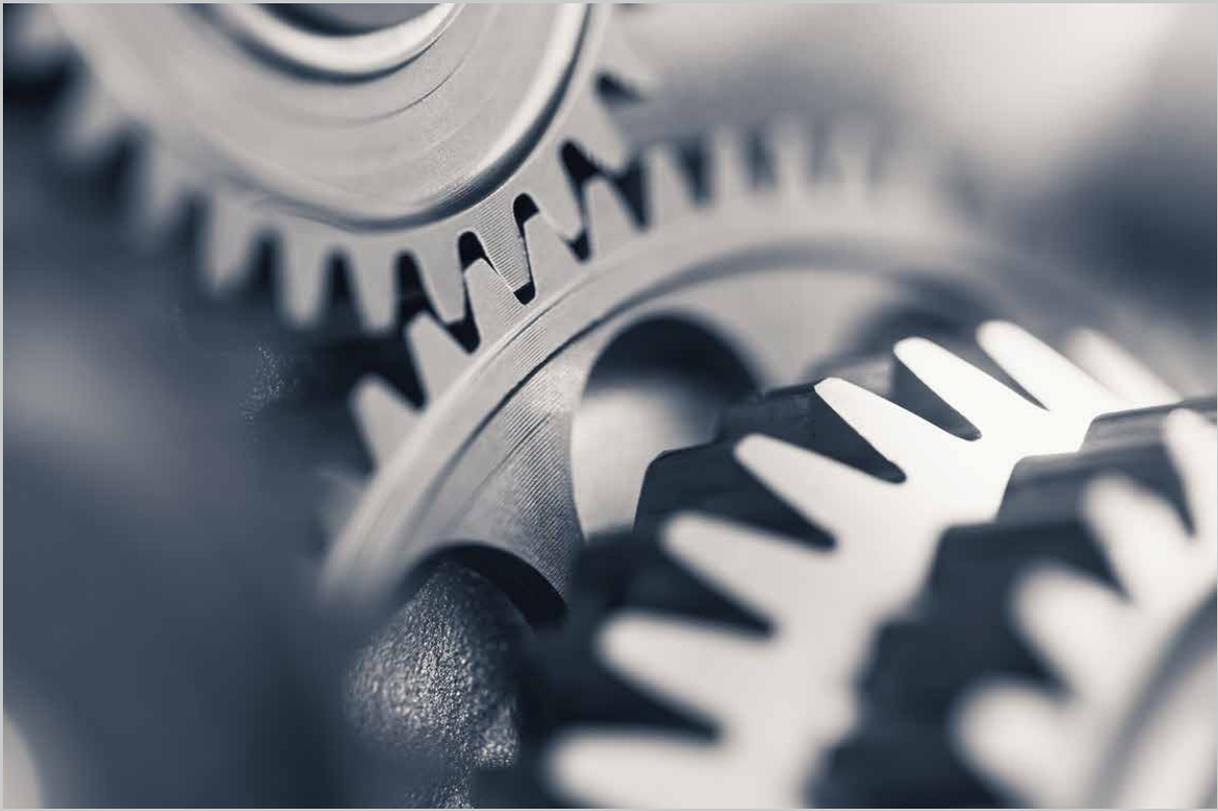


	Force (N)	Stroke (mm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Working Temperature (°C)	L (mm)	Certification
<b>24V</b>								
DJ54DS	450	200	1.20	28	IP55	-20°C~65°C	340	CE
<b>100-240V 50/60Hz</b>								
DJ54TS	250 450	350 200	0.17 0.50	20 37	IP55 IP55	-20°C~65°C -20°C~65°C	490 490	CE



	Force (N)	Stroke (mm)	Rated Current (A)	Rated Power (W)	Protection Degree (IP)	Running Time (min)	Working Temperature (°C)	L (mm)	Certification
<b>230V/50Hz</b>									
DJ66S	500	300	0.80	185	IP55	>4	-20°C~65°C	420	CE

Note: Above-listed are common information for reference. Please consult Dooya export team for technical details or customization specs.



# Accessories

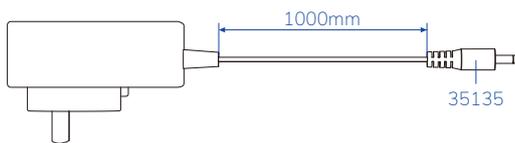
- 155 DC Motor Cables
- 157 For Awning
- 159 For Roller Shutter
- 161 Tube Idlers
- 162 Crowns & Adaptors
- 167 Brackets
- 169 For NHK System

# DC MOTOR CABLES

## Charger

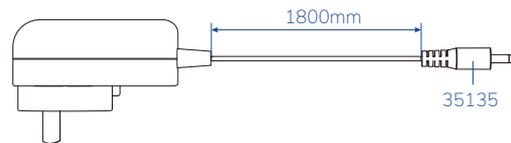
### DC215 Series

Output Power: AC100-240V 50/60HZ 0.5A  
Input Power: DC16.8V/1A



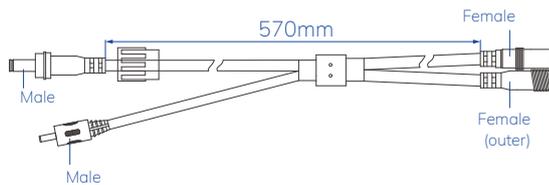
### DC1563 Series

Output Power: AC100-240V 50/60HZ 0.5A  
Input Power: DC12.6/1A

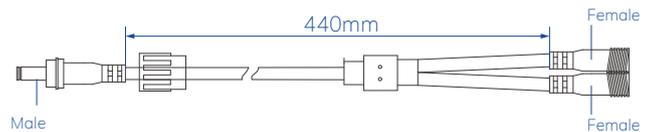


## 35135 Series

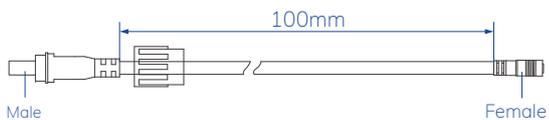
### DC750-01-145



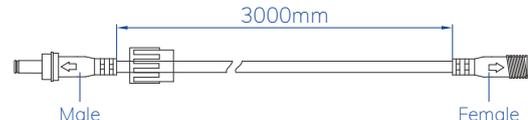
### DC750-01-173



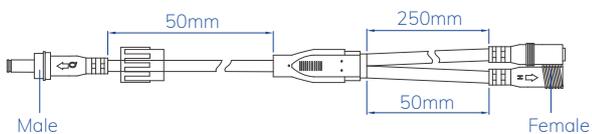
### DC750-01-191



### DS699B

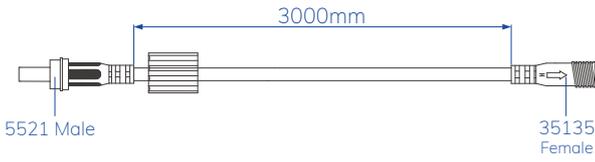


### DS699C

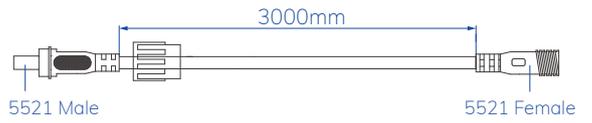


# 5521 Series

**DC750-01-169**



**DC750-01-200**



# Others For DM & DS Series Motor

**DC518-06-03**

L=400mm, 700mm



**DC518-06-03**

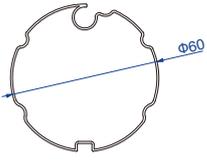
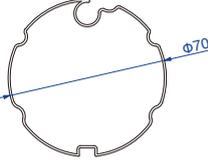
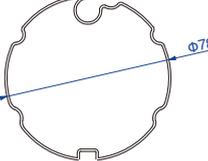
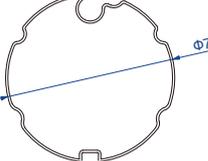
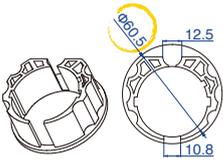
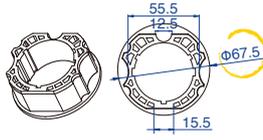
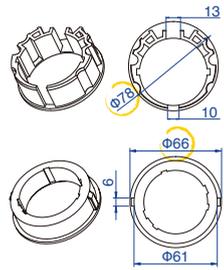
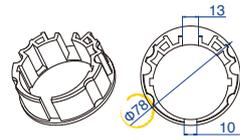
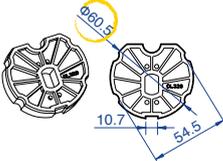
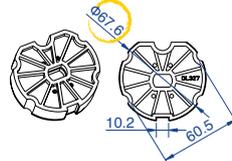
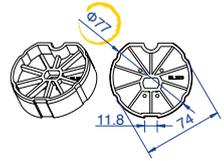
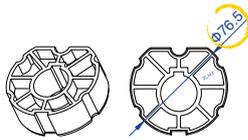
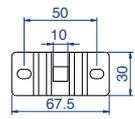
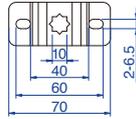
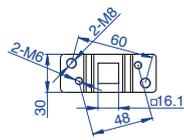
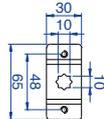
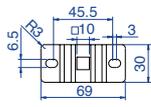
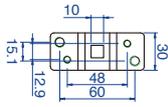
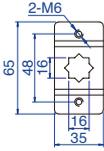
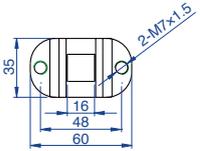
L=3000mm Black, 500mm White,  
2000mm Black, 2000mm White



Remarks: For more options, please contact our sales consultant

# COMMON ACCESSORIES

## For Awning

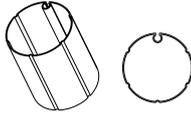
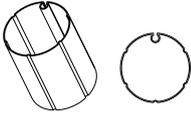
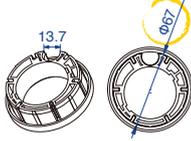
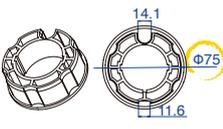
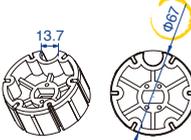
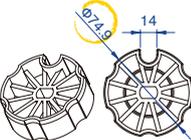
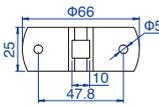
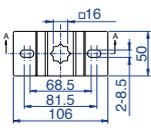
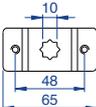
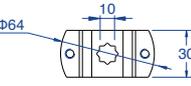
	DM45 Motor ( $\Phi 60$ ) 2.36 inch	DM45 Motor ( $\Phi 70$ ) 2.76 inch	DM45 Motor ( $\Phi 78$ ) 3.07 inch	DM59 Motor ( $\Phi 78$ ) 3.07 inch
Tube				
Crown	 <p>Crown <b>DH292C</b> Plastic</p>	 <p>Crown <b>DH291C</b> Plastic</p>	 <p>Crown <b>DH293C + DH21</b> Plastic</p>	 <p>Crown <b>DH293C</b> Plastic</p>
Drive Adaptor	 <p>Drive Adaptor <b>DL328C</b> Plastic</p>	 <p>Drive Adaptor <b>DL327C</b> Plastic</p>	 <p>Drive Adaptor <b>DL329C</b></p>	 <p>Drive Adaptor <b>DL342</b> Aluminium</p>
Bracket	 <p>Arciform Bracket <b>DZ164</b></p>	 <p>Arciform Bracket <b>DZ236</b></p>	 <p>Motor Bracket <b>DZ320</b></p>	 <p>Bracket <b>DZ24</b></p>
	 <p>Arciform Bracket <b>DZ267</b></p>	 <p>Bracket <b>DZ290</b></p>	 <p>Arciform Bracket <b>DZ128</b></p>	 <p>Bracket <b>DZ291</b></p>

DM45 Motor ( $\Phi 70$ )

2.76 inch

DM45 Motor ( $\Phi 78$ )

3.07 inch

Tube			
Crown	 <p>Crown <b>DH267</b> Plastic</p>	 <p>Crown <b>DH169</b> Plastic</p>	
Drive Adaptor	 <p>Drive Adaptor <b>DL298</b> Plastic</p>	 <p>Drive Adaptor <b>DL189</b> Plastic</p>	
Bracket	 <p>Arciform Bracket <b>DZ49</b></p>  <p>Arciform Bracket <b>DZ257</b> Metal</p>	 <p>Arciform Bracket <b>DZ24</b></p>  <p>Motor Bracket <b>DZ387</b> Metal</p>	

# COMMON ACCESSORIES

## For Roller Shutter

DM45 Motor ( $\Phi ZF54$ )

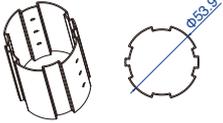
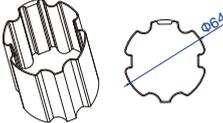
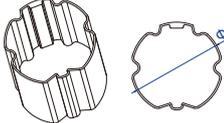
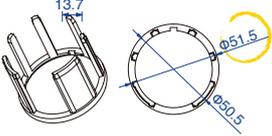
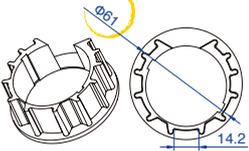
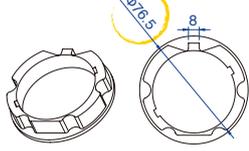
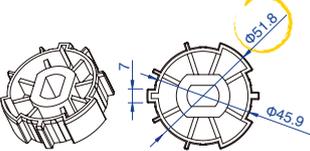
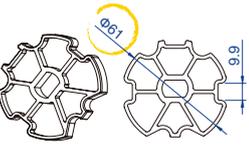
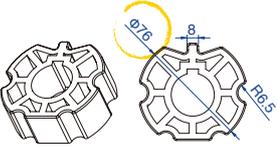
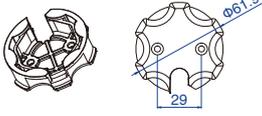
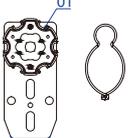
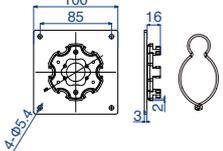
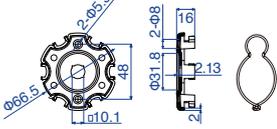
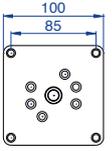
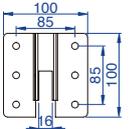
2.13 inch

DM45 Motor ( $\Phi ZF64$ )

2.52 inch

DM59 Motor ( $\Phi ZF80$ )

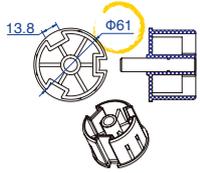
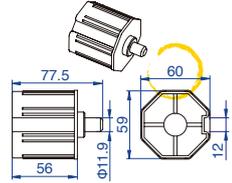
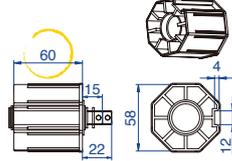
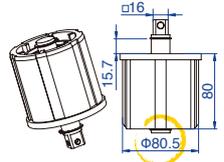
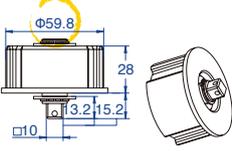
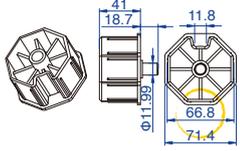
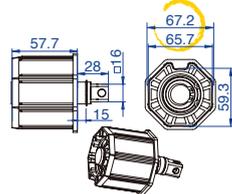
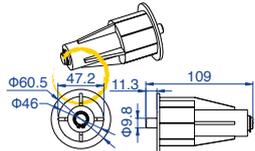
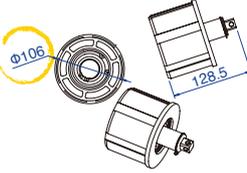
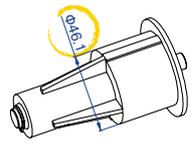
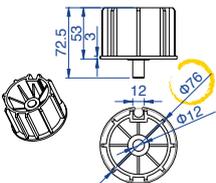
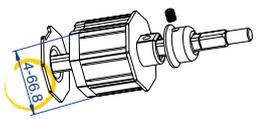
3.15 inch

Tube			
Crown	 <p>Crown <b>DH59</b> Plastic</p>	 <p>Crown <b>DH84</b> Plastic</p>	 <p>Crown <b>DH132</b> Plastic</p>
Drive Adaptor	 <p>Drive Adaptor <b>DL68</b> Plastic</p>	 <p>Drive Adaptor <b>DL97</b> Plastic</p>	 <p>Drive Adaptor <b>DL148</b> Aluminium</p>
Bracket	 <p>316# Limit Click-in Bracket <b>DZ409</b> Plastic</p>  <p>469# Limit Click-in Bracket <b>DZ512F</b></p>	 <p>469# Limit Click-in Bracket <b>DS690B</b> Cold rolled plate</p>  <p>469# Limit Click-in Bracket <b>DS690</b> Cold rolled plate</p>	 <p>Wall Bracket <b>DZ140</b></p>  <p>Motor Bracket <b>DZ193</b></p>

	Octagonal 40mm 1.57 inch	Octagonal 60mm 2.36 inch	Octagonal 70mm 2.76 inch	DM45 Motor (Φ80) 3.15 inch
Tube	<p>Max. s4m</p> <p>Tube <b>DG05</b> Aluminium</p>			<p><b>DG01</b></p>
Crown	<p>Crown <b>DH36</b> Plastic</p>	<p>Crown <b>DH28</b> Plastic</p>	<p>Crown <b>DH154</b> Plastic</p>	<p>DH21 + DH04 = DH03 Crown <b>DH03</b> Plastic</p>
Drive Adaptor	<p>Drive Adaptor <b>DL44</b> Plastic</p>	<p>Drive Adaptor <b>DL04</b> Plastic</p>	<p>Drive Adaptor <b>DL61</b> Plastic</p>	<p>Drive Adaptor <b>DL07</b></p>
Bracket	<p>316# Limit Click-in Bracket <b>DZ409</b></p> <p>316# Limit Click-in Bracket <b>DZ409A</b> Plastic</p>	<p>469# Limit Click-in Bracket <b>DZ512F</b></p> <p>469# Limit Click-in Bracket <b>DS690B</b> Cold rolled plate</p>	<p>469# Limit Click-in Bracket <b>DS690</b> Cold rolled plate</p> <p>Rotary Head <b>DS690C</b> Zinc alloy</p>	<p>Wall Bracket <b>DZ140</b></p> <p>Motor Bracket <b>DZ193</b></p>

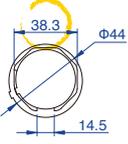
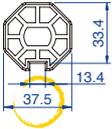
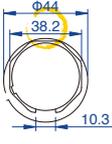
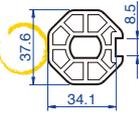
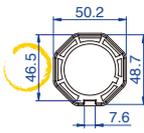
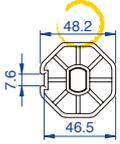
# TUBE IDLERS

Remarks: For more options, please contact us

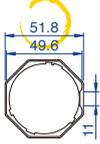
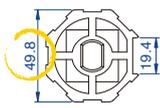
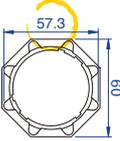
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 <p>Idler <b>DW17</b></p>	 <p>Idler <b>DW18</b></p>	 <p>Idler <b>DW19</b></p>	 <p>Idler <b>DW23</b></p>
 <p>Idler <b>DW34</b></p>	 <p>Idler <b>DW39</b></p>	 <p>Idler <b>DW40</b></p>	 <p>Idler <b>DW44</b></p>
 <p>Idler <b>DW47</b></p>	 <p>Idler <b>DW55</b></p>		

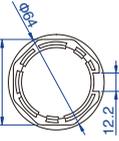
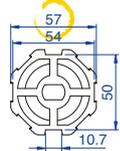
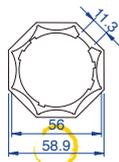
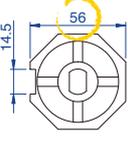
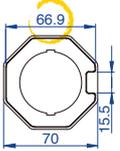
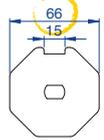
# CROWNS & ADAPTORS

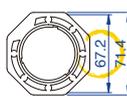
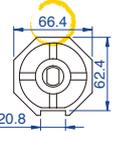
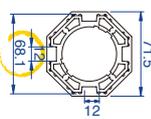
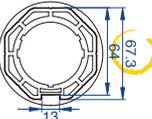
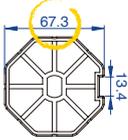
Φ35

 <p><b>Crown DH36</b> Plastic</p>	 <p><b>Drive Adaptor DL44</b> Plastic</p>	 <p><b>Crown DH06</b> Plastic</p>	 <p><b>Drive Adaptor DL08</b> Plastic</p>	 <p><b>Crown DH32</b> Plastic</p>	 <p><b>Drive Adaptor DL36</b> Plastic</p>
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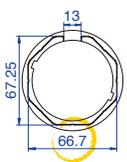
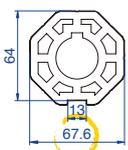
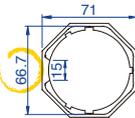
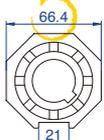
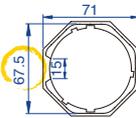
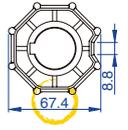
Φ45

 <p><b>Crown DH12</b> Plastic</p>	 <p><b>Drive Adaptor DL16</b> Plastic</p>	 <p><b>Crown DH39</b> Plastic</p>	 <p><b>Drive Adaptor DL47</b> Plastic</p>	 <p><b>Crown DH28</b> Plastic</p>	 <p><b>Drive Adaptor DL04</b> Plastic</p>
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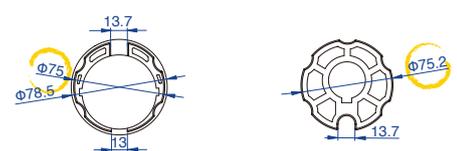
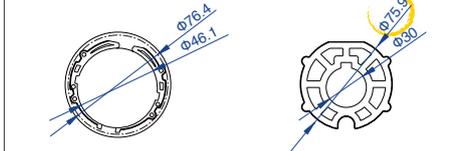
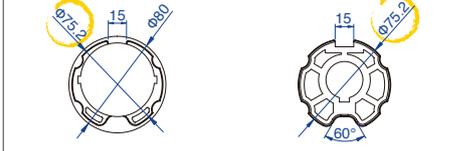
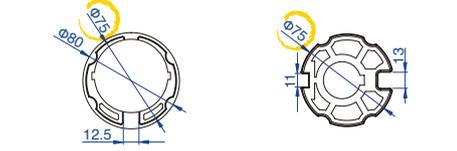
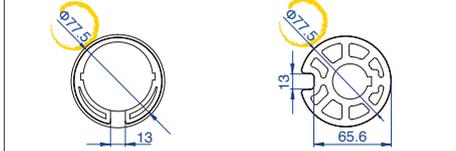
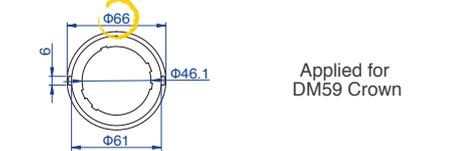
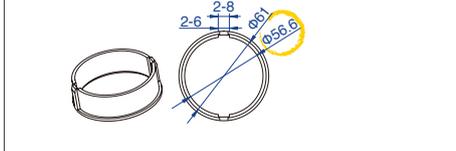
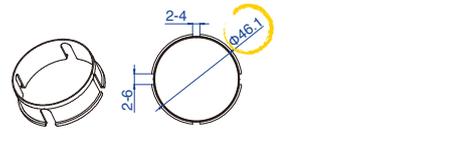
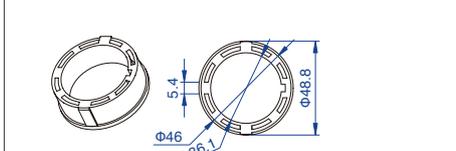
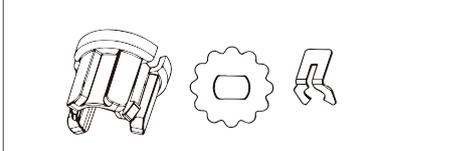
 <p><b>Crown DH05</b> Plastic</p>	 <p><b>Drive Adaptor DL04</b> Plastic</p>	 <p><b>Crown DH01</b> Plastic</p>	 <p><b>Drive Adaptor DL03</b> Aluminium alloy</p>	 <p><b>Crown DH154</b> Plastic</p>	 <p><b>Drive Adaptor DL61</b> Plastic</p>
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 <p><b>Crown DH08</b> Plastic</p>	 <p><b>Drive Adaptor DL10</b> Aluminium</p>	 <p><b>Crown DH51</b> Plastic</p>	 <p><b>Drive Adaptor DL60</b> Plastic</p>	 <p><b>Crown DH115</b> Plastic</p>	 <p><b>Drive Adaptor DL131</b> Plastic</p>
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Φ59

 <p><b>Crown DH140</b> Plastic</p>	 <p><b>Drive Adaptor DL157</b> Plastic</p>	 <p><b>Crown DH11</b> Plastic</p>	 <p><b>Drive Adaptor DL13</b> Aluminium alloy</p>	 <p><b>Crown DH29</b> Plastic</p>	 <p><b>Drive Adaptor DL32</b> Plastic</p>
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 <p>Crown <b>DH181</b> Plastic</p> <p>Drive Adaptor <b>DL202</b> Plastic</p>	 <p>Crown <b>DH348</b> Plastic</p> <p>Drive Adaptor <b>DL402</b> Aluminium</p>	 <p>Crown <b>DH45</b> Plastic</p> <p>Drive Adaptor <b>DL53</b> Plastic</p>
 <p>Crown <b>DH54</b> Plastic</p> <p>Drive Adaptor <b>DL64</b> Plastic</p>	 <p>Crown <b>DH149</b> Plastic</p> <p>Drive Adaptor <b>DL167</b> Plastic</p>	 <p>Crown <b>DH91</b> Plastic</p> <p>Drive Adaptor <b>DL104</b> Plastic</p>
 <p>Crown <b>DH21</b> Plastic</p> <p>Applied for DM59 Crown</p>	 <p>Crown <b>DH246</b> Plastic</p> <p>DM55+DH246=DM59</p>	 <p>Crown <b>DH448</b> Plastic</p>
 <p>Crown <b>DH434</b> Plastic</p>	 <p>Crown <b>DH20</b> Plastic</p>	 <p>Track Lock <b>DS485</b></p>

# CROWNS & ADAPTORS

## Φ45

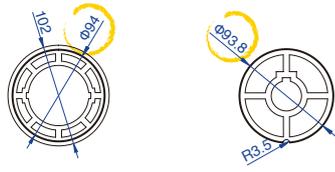
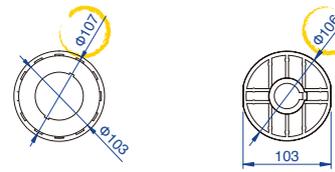
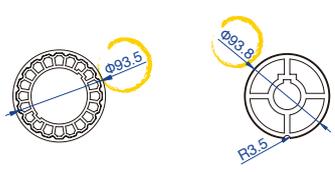
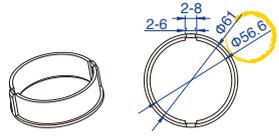
<p>DH21 + DH04 = DH03 Crown <b>DH03</b> Plastic</p> <p>Drive Adaptor <b>DL07</b> Plastic</p>	<p>Crown <b>DH128</b> Plastic</p> <p>Drive Adaptor <b>DL145</b> Aluminium</p>	<p>Crown <b>DH124</b> Plastic</p> <p>Drive Adaptor <b>DL99</b> Aluminium</p>
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## Φ59

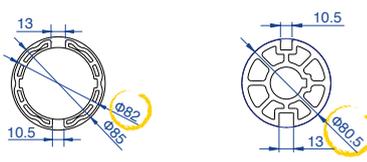
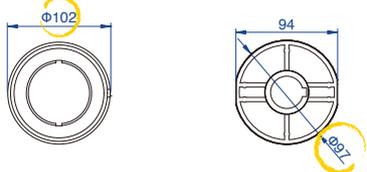
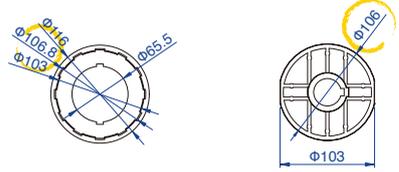
<p>Crown <b>DH89</b> Plastic</p> <p>Drive Adaptor <b>DL102</b> Plastic</p>	<p>Crown <b>DH04</b> Plastic</p> <p>DW12 + DG01 Drive Adaptor <b>DL06</b> Plastic</p>	<p>Crown <b>DH91A</b> Plastic</p> <p>Drive Adaptor <b>DL209</b> Aluminium alloy</p>
<p>Crown <b>DH04</b> Plastic</p> <p>Drive Adaptor <b>DL209</b> Aluminium alloy</p>	<p>Crown <b>DH128</b> Plastic</p> <p>Drive Adaptor <b>DL145</b> Aluminium</p>	<p>Crown <b>DH127</b> Plastic</p> <p>Drive Adaptor <b>DL25</b> Aluminium alloy</p>
<p>Crown <b>DH257</b> Plastic</p> <p>Drive Adaptor <b>DL25</b> Aluminium alloy</p>	<p>Crown <b>DH22</b> Plastic</p> <p>Drive Adaptor <b>DL25</b> Zinc Alloy</p>	<p>Crown <b>DH96</b> Plastic</p> <p>Drive Adaptor <b>DL111</b> Aluminium alloy</p>

Remarks: For more options, please contact us

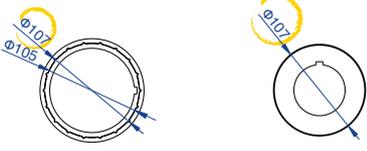
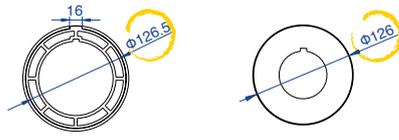
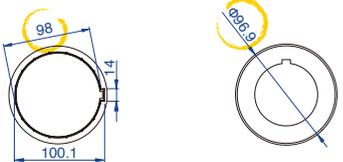
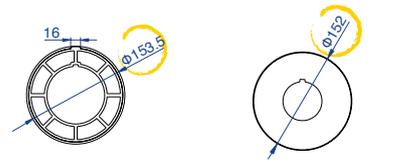
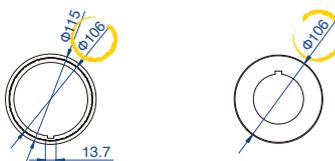
# Φ59

 <p><b>Crown DH101</b> Plastic</p> <p><b>Drive Adaptor DL126</b> Aluminium alloy</p>	 <p><b>Crown DH52</b> Plastic</p> <p><b>Drive Adaptor DL62</b> Aluminium alloy</p>	 <p><b>Crown DH125</b> Plastic</p> <p><b>Drive Adaptor DL126</b> Aluminium</p>
 <p><b>DM55 + DH246 = DM59</b> <b>Crown DH246</b> Plastic</p>		

# Φ64

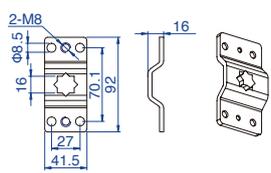
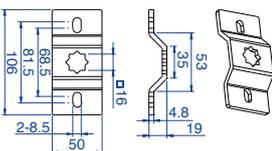
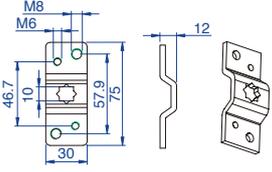
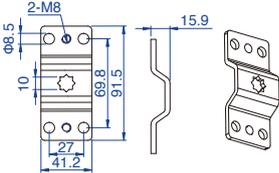
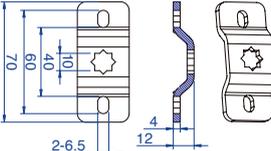
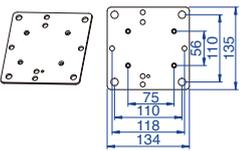
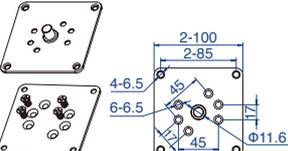
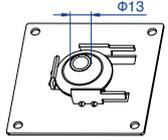
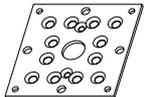
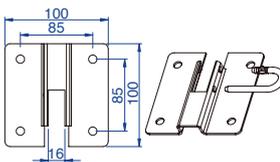
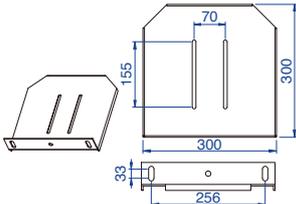
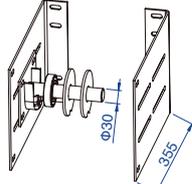
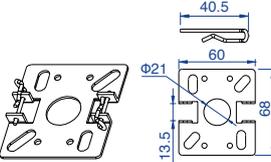
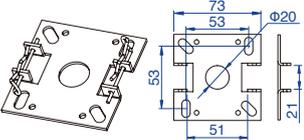
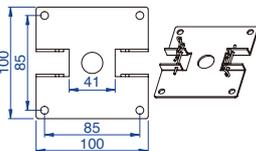
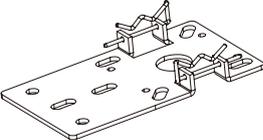
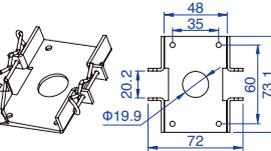
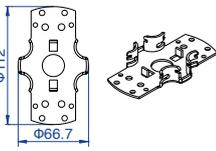
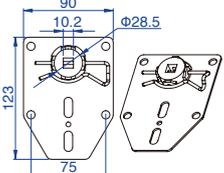
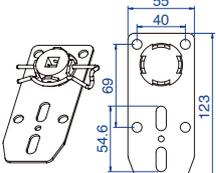
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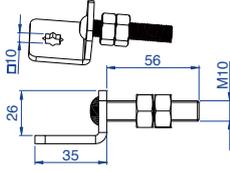
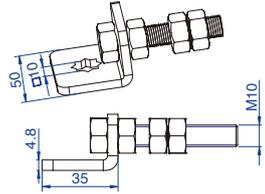
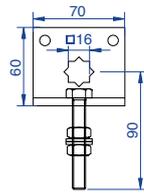
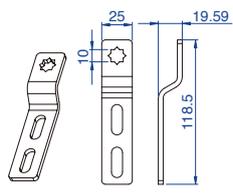
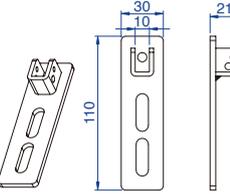
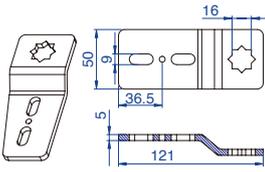
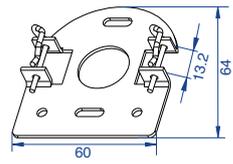
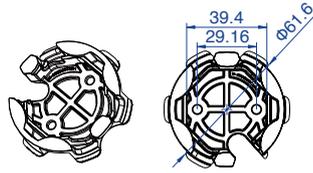
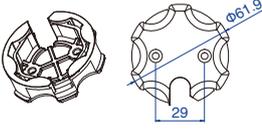
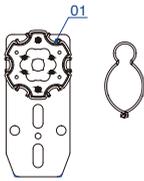
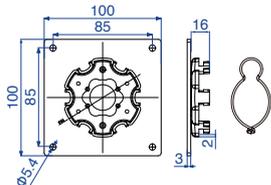
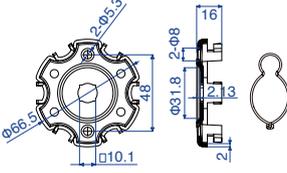
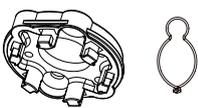
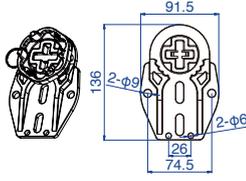
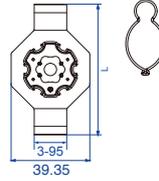
# Φ92

 <p><b>Crown DH281</b> Plastic</p> <p><b>Drive Adaptor DL316</b> 45# Steel</p>	 <p><b>Crown DH150A</b> Plastic</p> <p><b>Drive Adaptor DL306</b> 45# Steel</p>	 <p><b>Crown DH226</b> Plastic</p> <p><b>Drive Adaptor DL249</b> 54# Steel</p>
 <p><b>Crown DH97</b> Plastic</p> <p><b>Drive Adaptor DL112</b> 54# Steel</p>	 <p><b>Crown DH150</b> Plastic</p> <p><b>Drive Adaptor DL168</b> 54# Steel</p>	 <p><b>Crown DH227</b> Plastic</p> <p><b>Drive Adaptor DL250</b> 45# Steel</p>
 <p><b>Crown DH183</b> Plastic</p> <p><b>Drive Adaptor DL205</b> 45# Steel</p>		

# BRACKETS

Remarks: For more options, please contact us

 <p><b>Arciform Bracket DZ10</b> DZ10E applied for 64mm motor</p>	 <p><b>Arciform Bracket DZ257</b> Metal</p>	 <p><b>Arciform Bracket DZ04</b> 45# Steel</p>	 <p><b>Arciform Bracket DZ68</b> Metal</p>
 <p><b>Bracket DZ236</b> Metal</p>	 <p><b>Wall Bracket DZ183</b> Metal</p>	 <p><b>Wall Bracket DZ140</b></p>	 <p><b>Motor Bracket DZ273</b> Metal</p>
<p>Apply 319#, 442#, 429#, 5511#, 5520#, 527#limit switch</p>  <p><b>Bracket DZ256</b> Metal</p>	 <p><b>Motor Bracket DZ193A</b></p>	 <p><b>Wall Bracket DZ89</b> Metal</p>	 <p><b>Wall Bracket DZ166</b> Metal</p>
 <p><b>319# Limit Click-in Bracket DZ25</b> Metal</p>	 <p><b>449# Limit Click-in Bracket DZ26</b> Metal</p>	 <p><b>441# Limit Click-in Bracket DZ31</b> Metal</p>	 <p><b>449# Click-in Bracket DZ182</b> Metal</p>
 <p><b>449# Click-in Bracket DZ74</b> Metal</p>	 <p><b>480# Motor Bracket DZ402</b> 45# Steel</p>	 <p><b>Motor Bracket DZ58</b> Metal</p>	 <p><b>Motor Bracket DZ139</b> Metal</p>

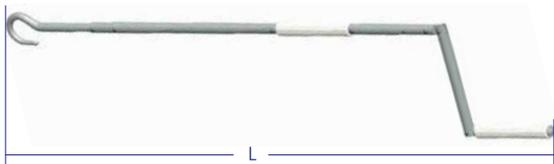
 <p>Motor Bracket <b>DZ57</b> Metal</p>	 <p>Motor Bracket <b>DZ126</b> Metal</p>	 <p>Motor Bracket <b>DZ388</b> Metal</p>	 <p>Motor Bracket <b>DZ165</b> Metal</p>
 <p>Motor Bracket <b>DZ112A</b> Metal</p>	 <p>Motor Bracket <b>DZ152</b> Metal</p>	 <p>319# Limit Click-in Bracket <b>DZ308</b> Metal</p>	 <p>316S# Limit Click-in Bracket <b>DZ409</b> Plastic</p>
 <p>316E# Limit Click-in Bracket <b>DZ409A</b> Plastic</p>	 <p>469# Limit Click-in Bracket <b>DZ512F</b></p>	 <p>469# Limit Click-in Bracket <b>DS690B</b> Cold rolled plate</p>	 <p>469# Limit Click-in Bracket <b>DS690</b> Cold rolled plate</p>
 <p>469# Limit Click-in Bracket <b>DS690C</b> Zinc alloy</p>	 <p>Motor Bracket <b>WDS965</b></p>	 <p>469# Limit Click-in Bracket <b>DZ512J</b></p> <p>Dimensions:          ① 132 mm          ② 144 mm          ③ 158.5 mm          ④ 174.5 mm          ⑤ 180 mm          ⑥ 199.5 mm</p>	

# ACCESSORIES

## For NHK System

Remarks: For more options, please contact us

Hand Crank  
**DS01**



Code	Length(L)
DS01A	1300mm
DS01C	1800mm
DS01R	631mm
DS01S	905mm

Applied For DM45, DM59, DM92 Manual Motor

Through-wall Hand Crank  
**DS37R**



Applied For DM45, DM59 Manual Motor

Hand Crank  
**DS38**



Code	Length(L)
DS38I	800mm
DS38	1000mm
DS38A	1300mm
DS38C	1800mm

Applied for DM45, DM59, DM92 Manual Motor

Through-wall Hand Crank  
**DS37B**



Applied For DM45, DM59 Manual Motor

Hand Crank  
**DS39**



Code	Length(L)
DS39F	1000mm
DS39A	1300mm

Applied For DM45, DM59 Plug-in Manual Motor

**DOOYA**<sup>®</sup>  
TUBULAR MOTOR

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info@dooya.com  
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