Interior application

2025 Product Catalogue

Est. Since 2002

DOOYA®
TUBULAR MOTOR

Please scan QR code to download

2025 E-Catalogue

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DOOYA
DOOYA
DOOYA

95,000
sqm / 113,620 sqyd
production space

3,000
employees

342
million USD
Annual turnover
in year 2024

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
(USA)

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)

matter THREAD Bluetooth KNX Wi Fi zigbee

ISO9001 Quality
Management System
Certification

ISO14001 Environment
Management System
Certification

ISO45001 Occupational
Health & Safety
Management

Electronic Assembly

Motor Production

Electronic Assembly & Motor Production

100,000 units electronic Daily production capacity	55,000 motors Daily production capacity	100% in-line motor quality inspection	59 U-shape AC motor assembly line	14 Curtain motor assembly line
12 DIP assembly line	12 Yamaha SMT electronic assembly line	8 DC motor assembly line	6 in-line quality control stations per assembly line	2 Window actuator assembly line

- 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

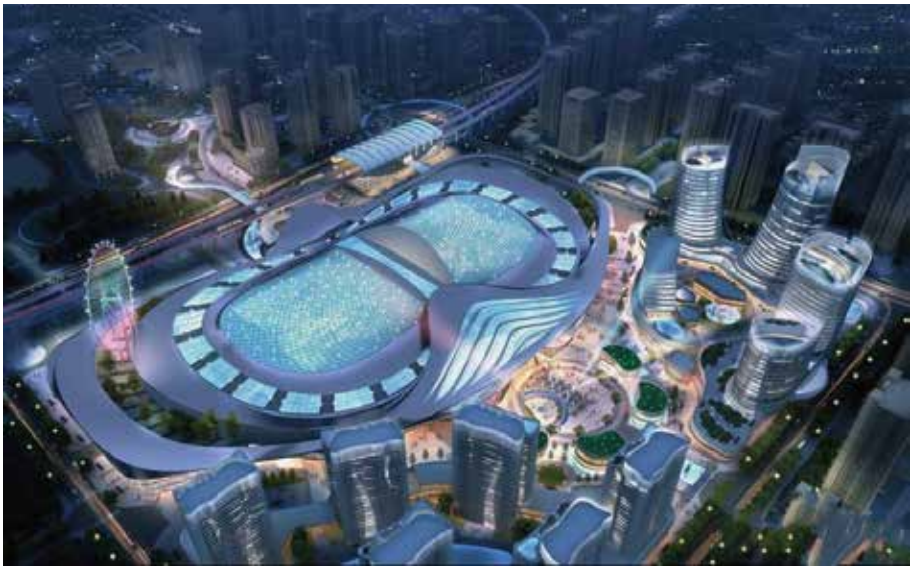
R+T
Germany & China

Heimtextil Frankfurt
Germany

IWCE
US

Equipbaie Paris
France

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 Hotel

Landison

Shangri-la Hotel

Beijing National Stadium

SIP BioBay Suzhou

Oriental Deluxe Hotel

AMD China headquarters

EGO Digital Headquarters

LG Meeting Room

Sofitel Hotel

China Construction Bank

IBM Office Building

Harmony Train Locomotive Shade

Taipei 101

Sany heavy industry

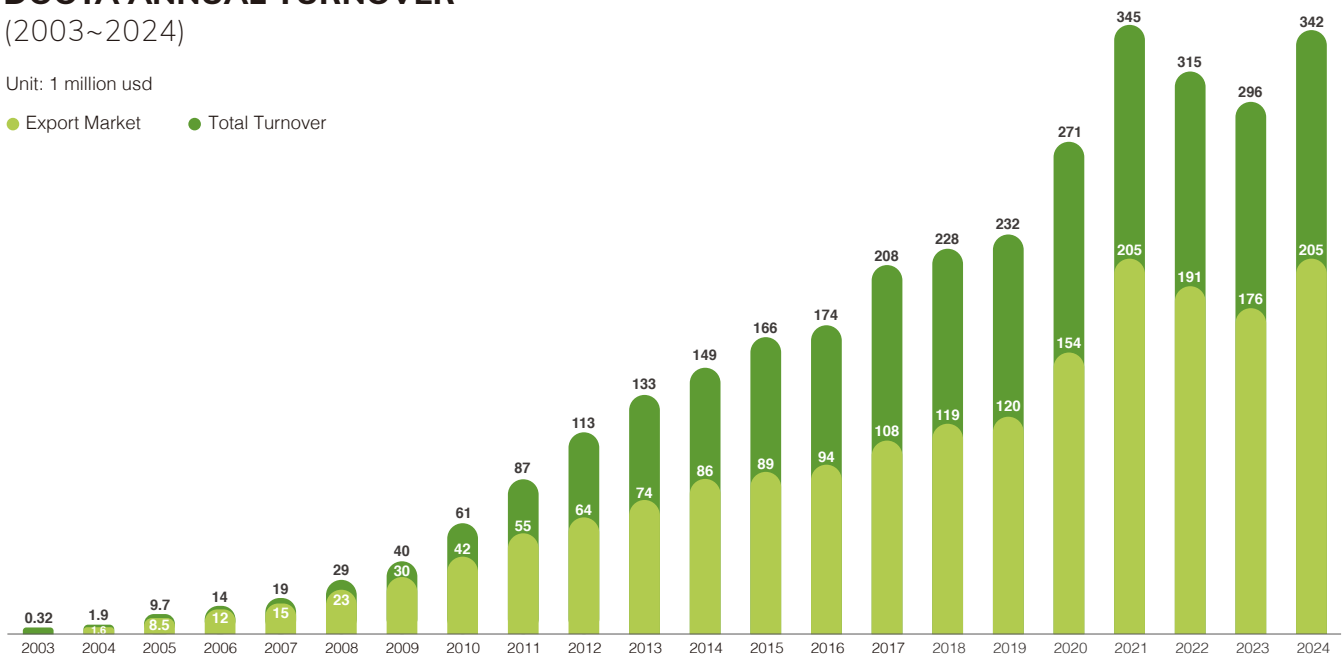
SAMSUNG Electronics (China)

ICBC

Baiyun International Airport

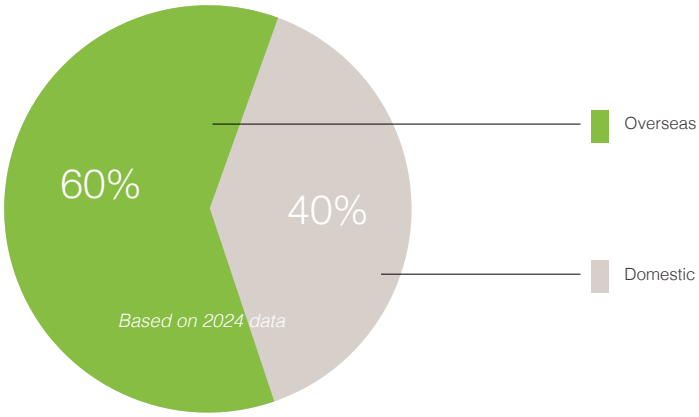
Business Performance

DOOYA ANNUAL TURNOVER
(2003~2024)



BUSINESS BREAKDOWN

In year 2024, DOOYA's total turnover reached USD342 Million, with USD205 Million (60%) from overseas market and USD137 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
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
Turkey
Turkmenistan
UAE
Uzbekistan
Vietnam

Main Product Categories

Application

Tubular Motor
DM

Motorized Roller Blinds

Motorized Venetian Blinds

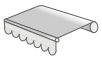
Motorized Roman Blinds

Motorized Pleated Blinds

Motorized Ceiling Curtain

Motorized Sheer Blinds

Outdoor Motorized Zip Screen


Motorized Awning

Motorized Roller Shutter

Motorized Lift Curtain

Motorized Honeycomb Blinds

Motorized Shangri - La Blinds

Motorized Roller Door

Motorized Window Awning

Motorized Louver

Motorized Projector Rack

Motorized Banner Lifter

Motorized Projection Screen

DC Tubular Motor
DM

Motorized Roller Blinds

Motorized Wooden Venetian Blinds

Motorized Roman Blinds

Motorized Sheer Blinds

Motorized Shangri - La Blinds

Motorized Aluminium Venetian Blinds

Motorized Screen

Venetian Motor
DV

Motorized Aluminium Venetian Blinds

Double-glazed Aluminium Venetian Blinds

Motorized Pleated Blinds

Motorized Honeycomb Blinds

Motorized Day&Night Blinds

Motorized Roman Blinds

Motorized Wooden Venetian Blinds

Motorized TDBU Honeycomb

Motorized TDBU Roller

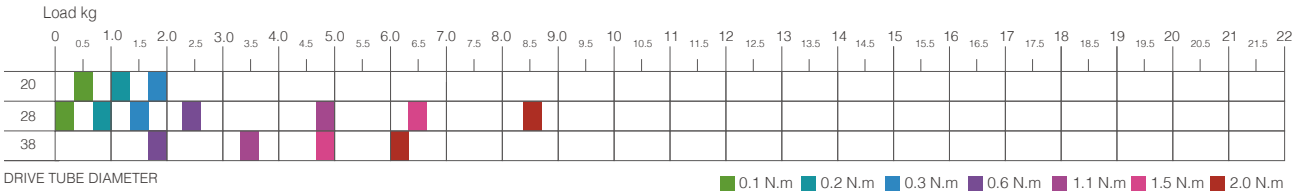
Curtain Motor
DT

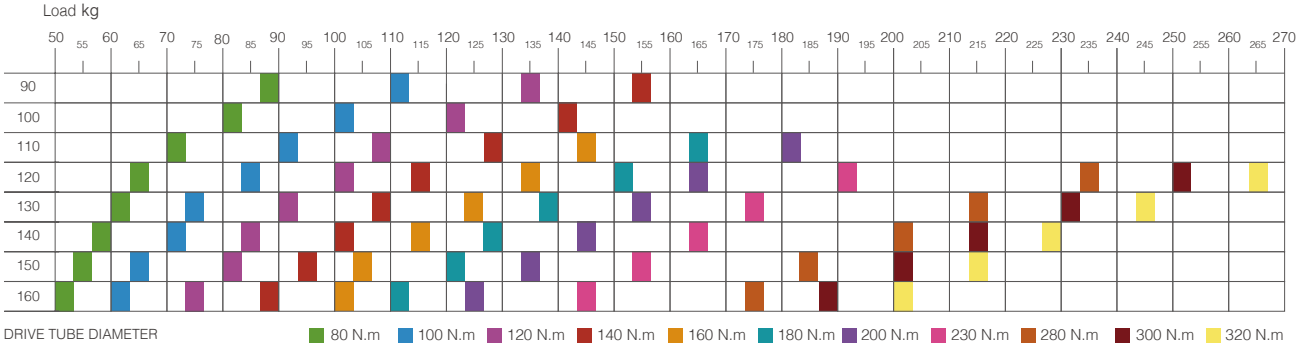
Motorized Curtain

Motorized Lift Curtain

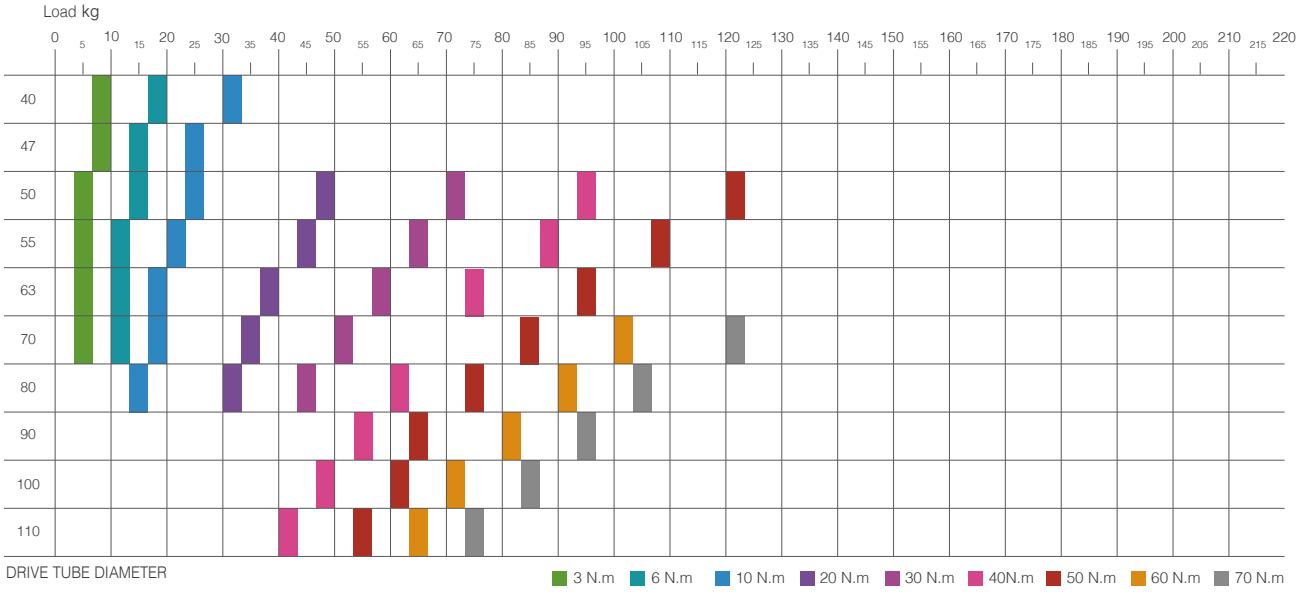
		Application
	Window Actuator DJ	Motorized Louver Window Actuator
	Outdoor Venetian Motor DV	Motorized Aluminium Venetian Blinds
	Vertical Blinds & Panel Blinds Motor DK	Motorized Vertical Blinds Motorized Panel Blinds
	Wood Shutter Motor DV	Motorized Wood Shutter
	Pergola Motor DM	Pergola
	Control System DD	*Compatible With All Dooya Products*

Technical Support

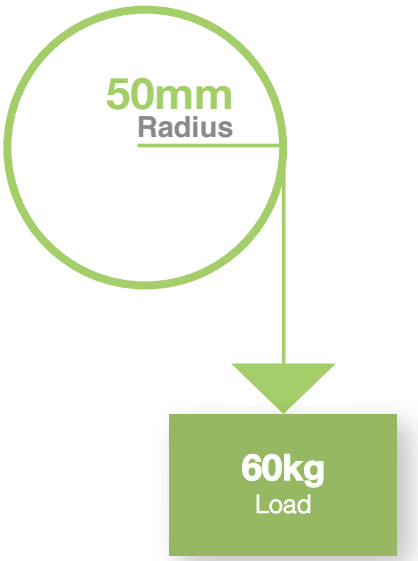




Remark:Diagram here is only reference for end users



Quick Calculation Of Torque & Weight



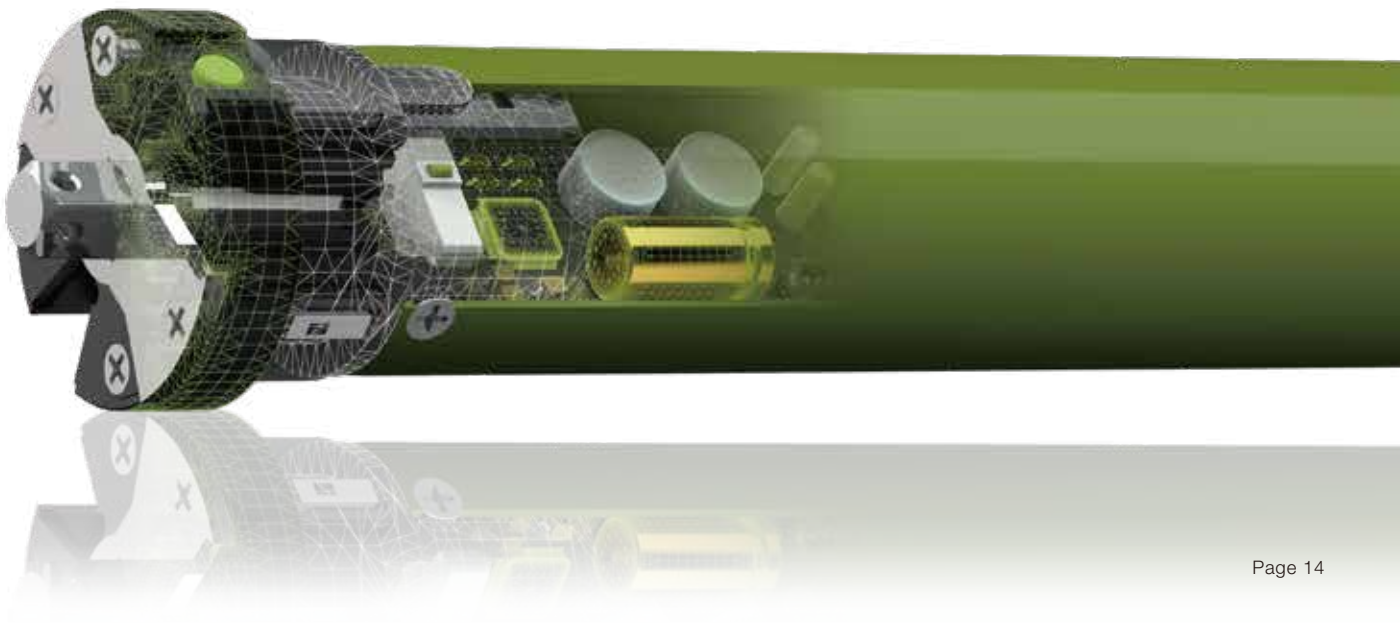
?N·m

Torque (N.m) = Radius (mm) x Load (kg) ÷ 100
= 50 (mm) x 60 (kg) ÷ 100 = 30(N.m)

?kg

Load(Kg) = Torque(N.m) x 100 ÷ Radius (mm)
=30 (N.m) x100÷50(mm)=60(kg)

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



Dooya Quiet Motor Double Helical

Gear Technology

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

Connector

Smart Motorization Made Easy

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02

Connector

Smart Motorization Made Easy

To simplify & enhance your life, making it both smarter & more convenient.

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 one million window-covering motors/receivers have been connected to the Connector platform, and have experienced the benefits of smart home services through it.

2017

- The launch of Connector platform
- Wi-Fi bridge (DD7002B) released
- Connector Application published

2018

- Integrated with Amazon Alexa, Google Home and IFTTT
- Wi-Fi Tubular Motor, Wi-Fi Curtain, & Wi-Fi Receiver/Switch released.

2019

- Integrated with Siri Shortcuts, Samsung Smartthings
- Mini Bridge released (DD1554)

2020

- Ethernet Bridge released (DD7005)
- Compatible with Control4
- Local IP-based API released

2021

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

API

CRESTRON ELAN

CRESTRON HOME™

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

2022

2023

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

matter

URC

RTI

Home Assistant

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

2024

Connector

Smart Motorization Made Easy

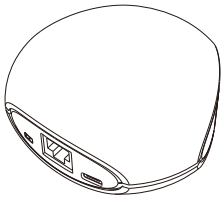
Hubs & Bridges

Connector Bridges

Connector
Smart Motorization Made Easy
Wi Fi

Connector | Matter Hubs

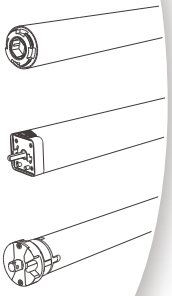
matter
Wi Fi



Connector Local-Hub

Wi Fi

Motorized Shade



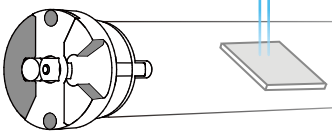
Motorized Shade

Matter

matter
Wi Fi
THREAD

Connector
Smart Motorization Made Easy
Wi Fi

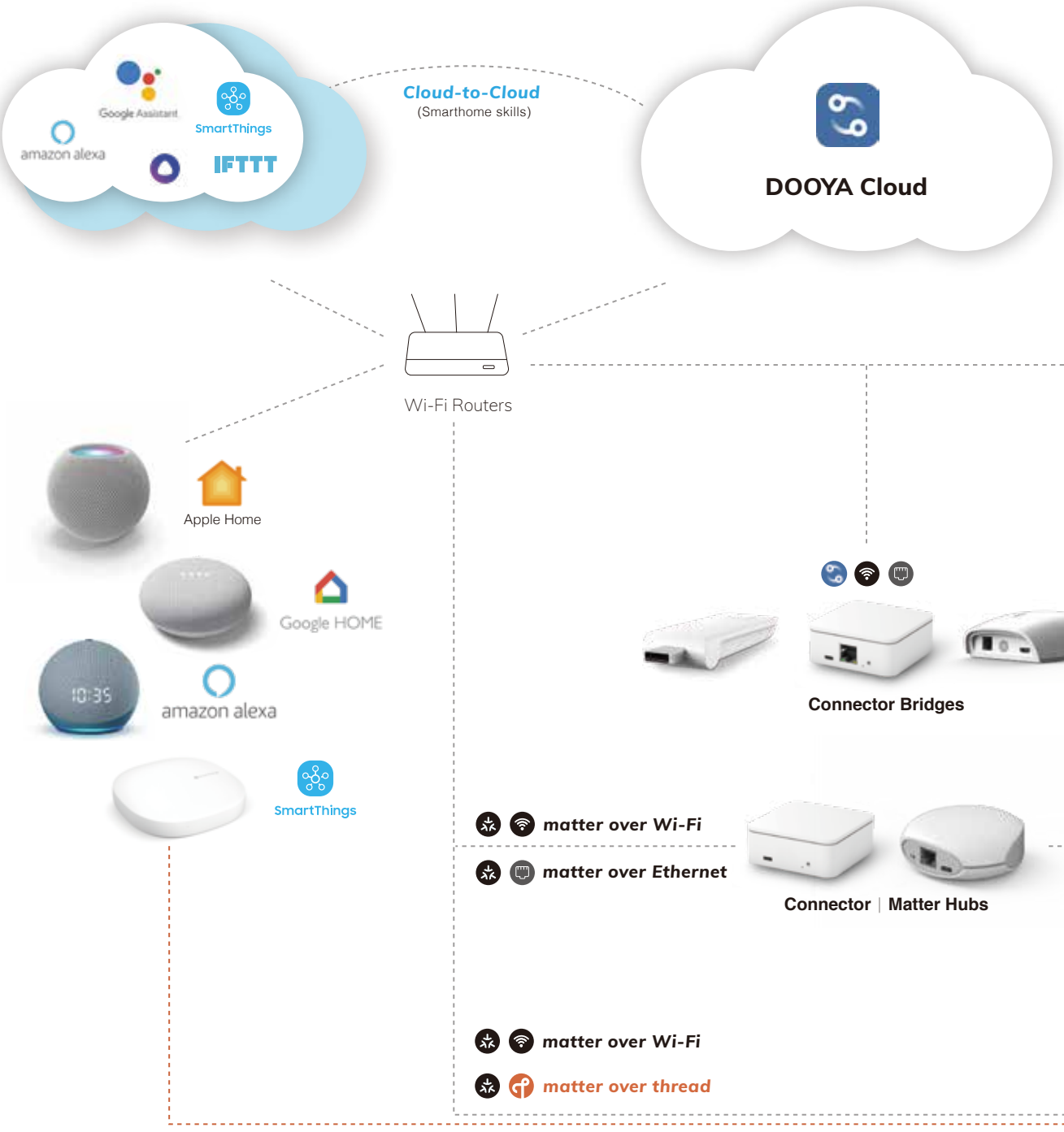
Connector



Solution A

Connect with Eco-System

for DIY & Installers



matter

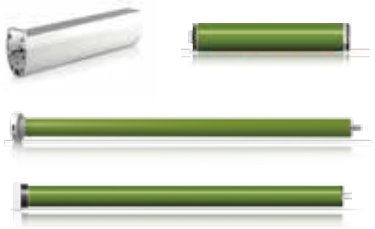
Connector
Smart Motorization Made Easy

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.

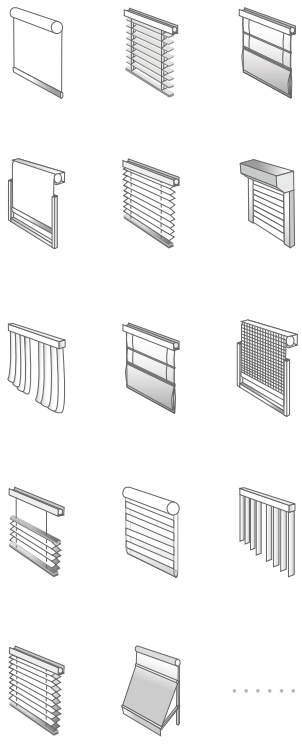
Connector Wi-Fi Motors

Bi-RF

Bi-RF Motors



Connector | Matter Motors



Motorization Applications

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

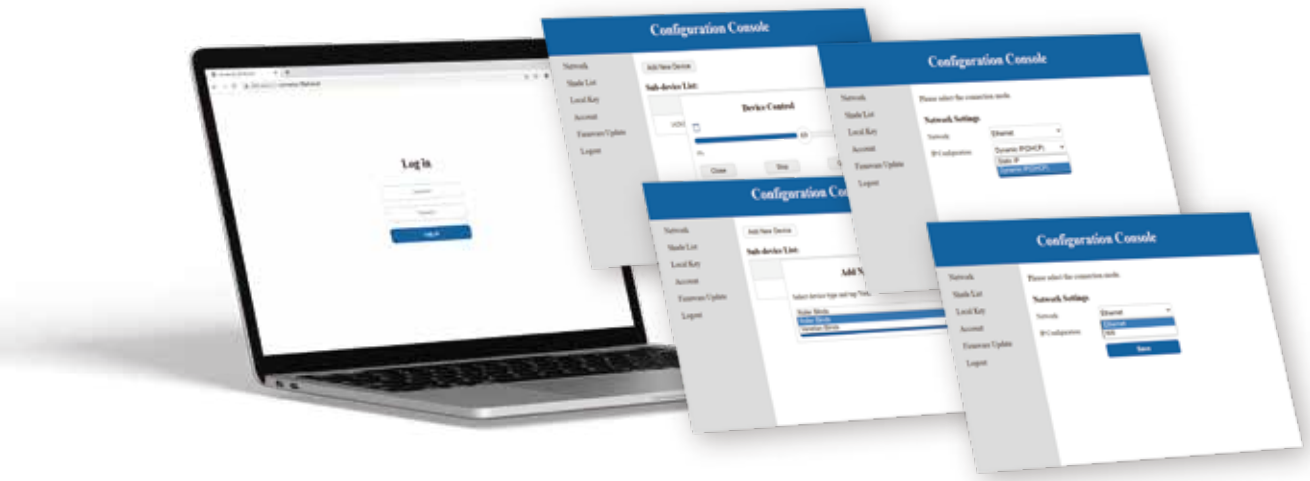
For 3rd Party Integration

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 withhome automation systems, such as Control4, Crestron, ELAN, URC, RTI, etc
- Hub configuration by embedded web via LAN/WLAN, no additional mobile APP required



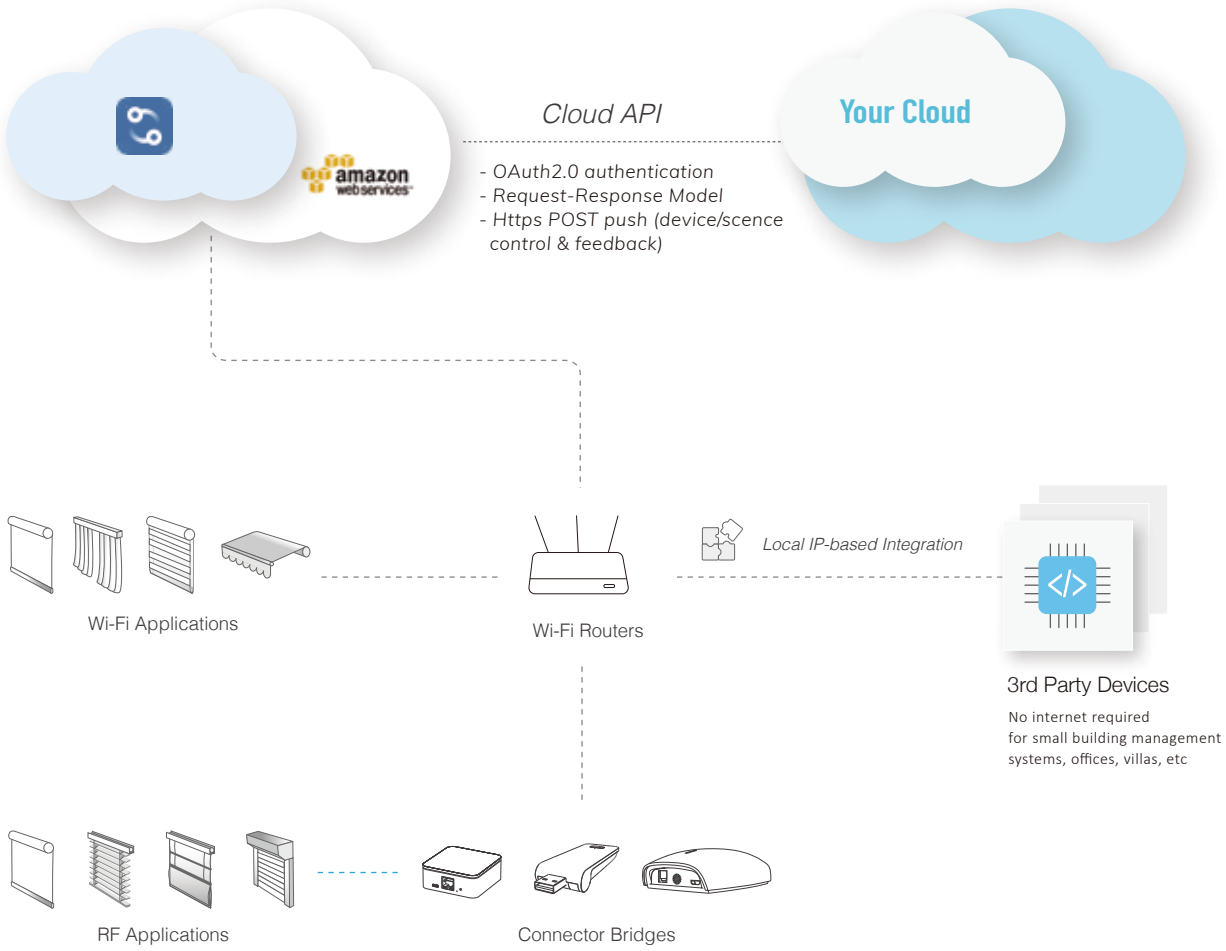
- IP-based LAN/WLAN Integration
- Powered by USB Type-C
- Wi-Fi(2.4GHz) or Ethernet
- Hub configuration via embedded web
- 433.92MHz
- 0°C ~ 40°C
- Max. 30 motors
- L75 x W75 x H31.5 (mm)

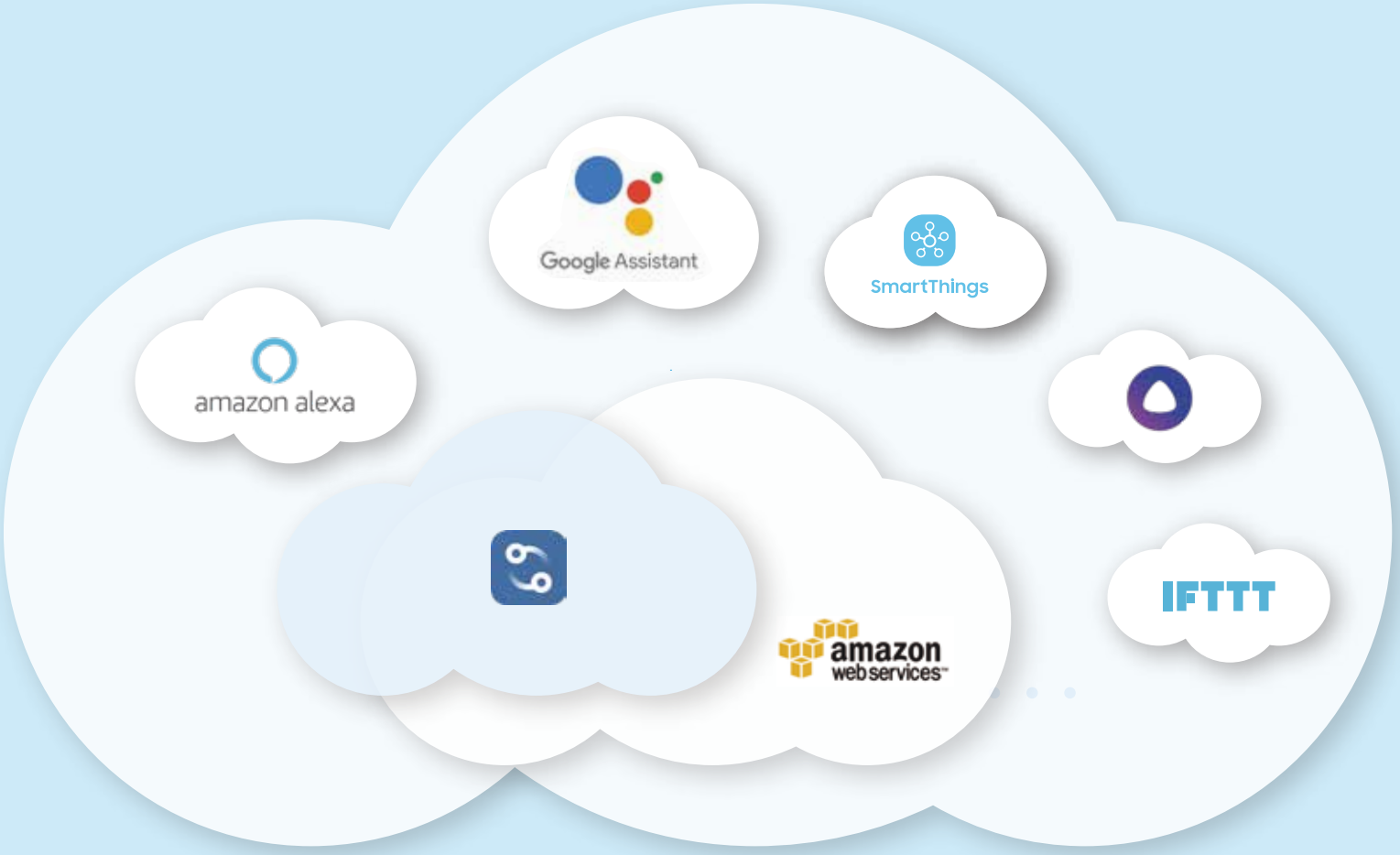
Solution C

Integration through Cloud or Local IP-based API

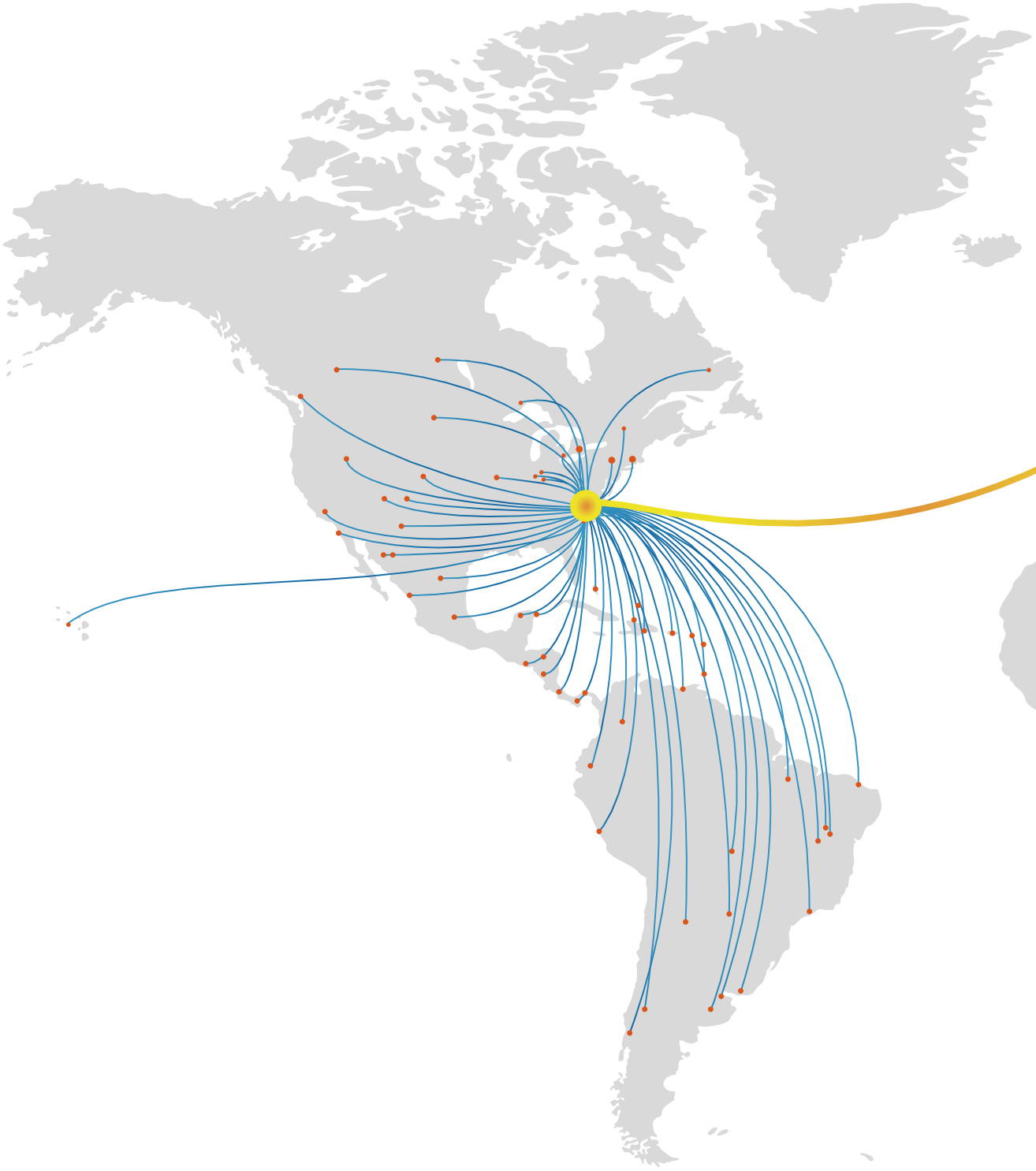
for Developers of 3rd party cloud or home automation systems

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.

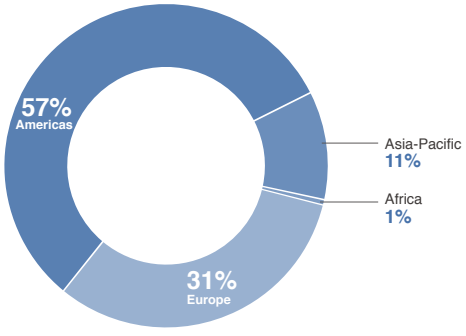


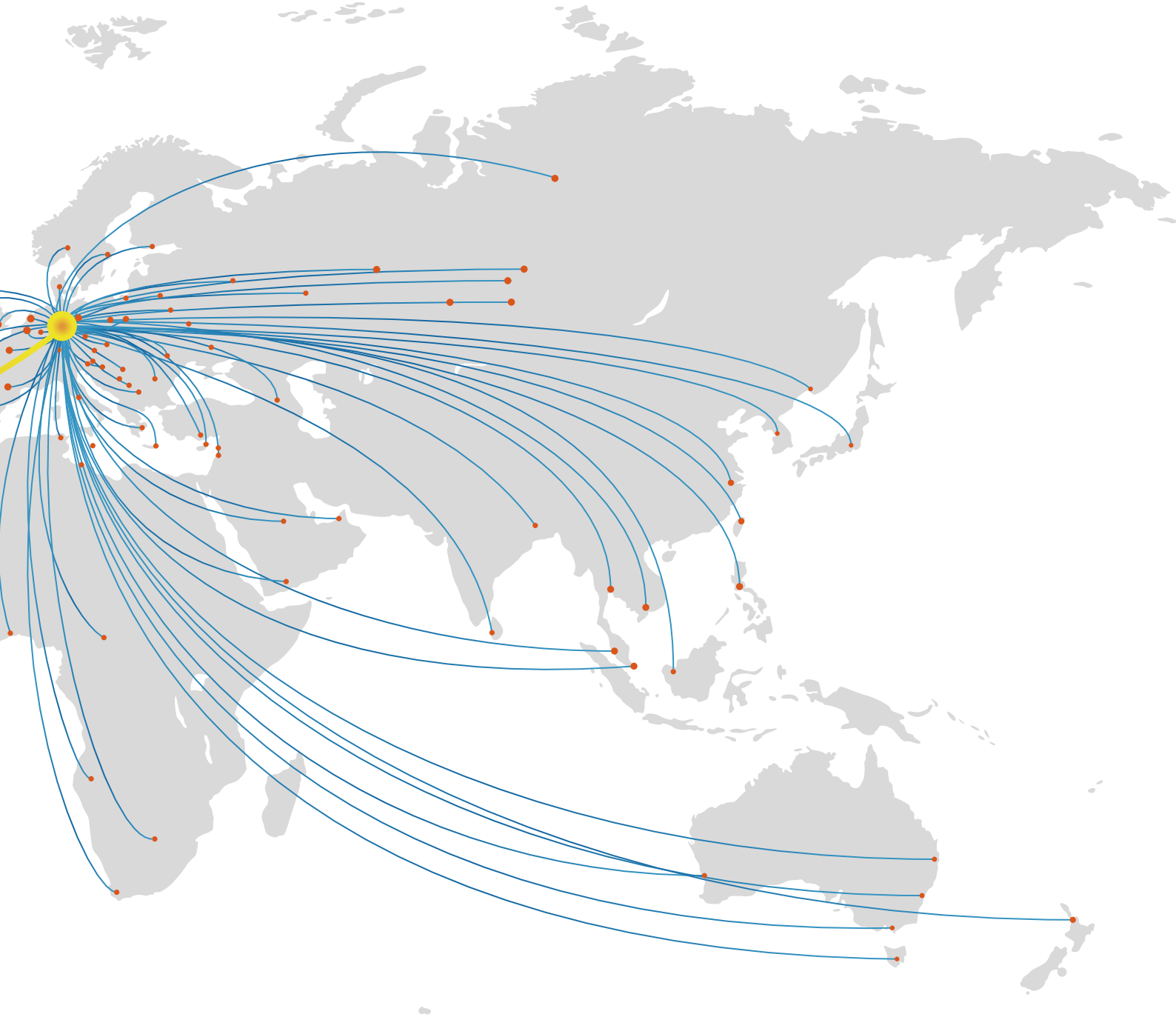


- *Proprietary development based on AWS cloud-native*
- *Deployed in AWS US (N.Virginia, Ohio) & EU (Frankfurt) for enhanced connectivity, compliance and security*



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

amazon web services™

with upgraded options

P-Box

Wi-Fi, Ethernet

For Radio+ Motor & Radio Motor

P-Box DD7006

L75 x W75 x H31.5 (mm)

Hub configuration via bluetooth

Powered by USB Type-C or PoE

433.92MHz

0°C ~ 40°C

OTA Firmware Update

Wi-Fi (2.4GHz) or Ethernet

Max. 20 rooms

Max. 30 motors

Max. 40 Scenes & 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 (2.4GHz)
- 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

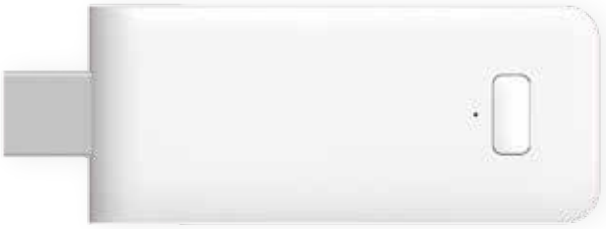
Models	Power		Network		Radio	
	PoE	USB Type-C	Ethernet (Connection Methods)	2.4GHz Wi-Fi (Connection Methods)	Radio+ Motor (Bidirectional)	Radio Motor (Unidirectional)
DD7006	☑	☑	☑	☑	☑	☑
DD7006C	☐	☑	☑	☑	☑	☐

Connector
Smart Motorization Made Easy

Mini Bridge

Wi-Fi

For Radio+ Motor



Mini Bridge DD1554E

- Hub configuration via bluetooth
- 5V 1A(USB Type-A)
- 2.4GHz Wi-Fi, 433.92MHz
- L 83.8 x W30.7 x H13.9 (mm)
- Max. 30 motors
- Max. 20 scenes
- Max. 20 timers
- Max. 20 rooms
- OTA Firmware Update
- 0°C ~ 40°C

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.

Works with

amazon alexa · Google Assistant · SmartThings · IFTTT · Control4 · URC · CRESTRON · RTI · ELAN

Connector
Smart Motorization Made Easy

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.

4-channel Scene Switch DD6020

6-channel Scene Switch DD460H

- Works with Bridges
- CR2430 (DD6020)
  AAA*1 (DD460H)
- Control max. 4 or 6 scenes
  (No internet requested)
- 0°C ~ 40°C
- 433.92MHz

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

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

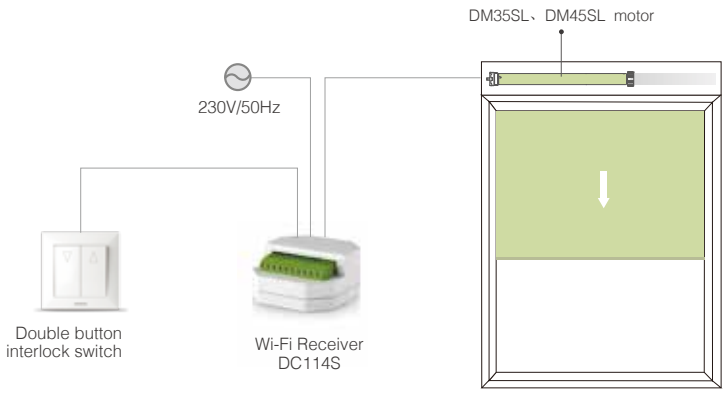
Connector
Smart Motorization Made Easy

Product Certification

Wi-Fi Receiver & Switch

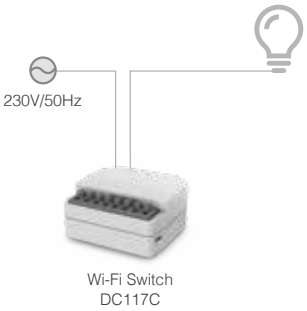
- Works with Google Assistant, Amazon Alexa, IFTTT & SmartThings
- Smartphone Control (Direct 2.4GHz Wi-Fi Connection)
- Works with Siri
- OTA Firmware Update

Wi-Fi Receiver DC114S



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

Wi-Fi Switch DC117C



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

Next-Gen smarthome standard

matter

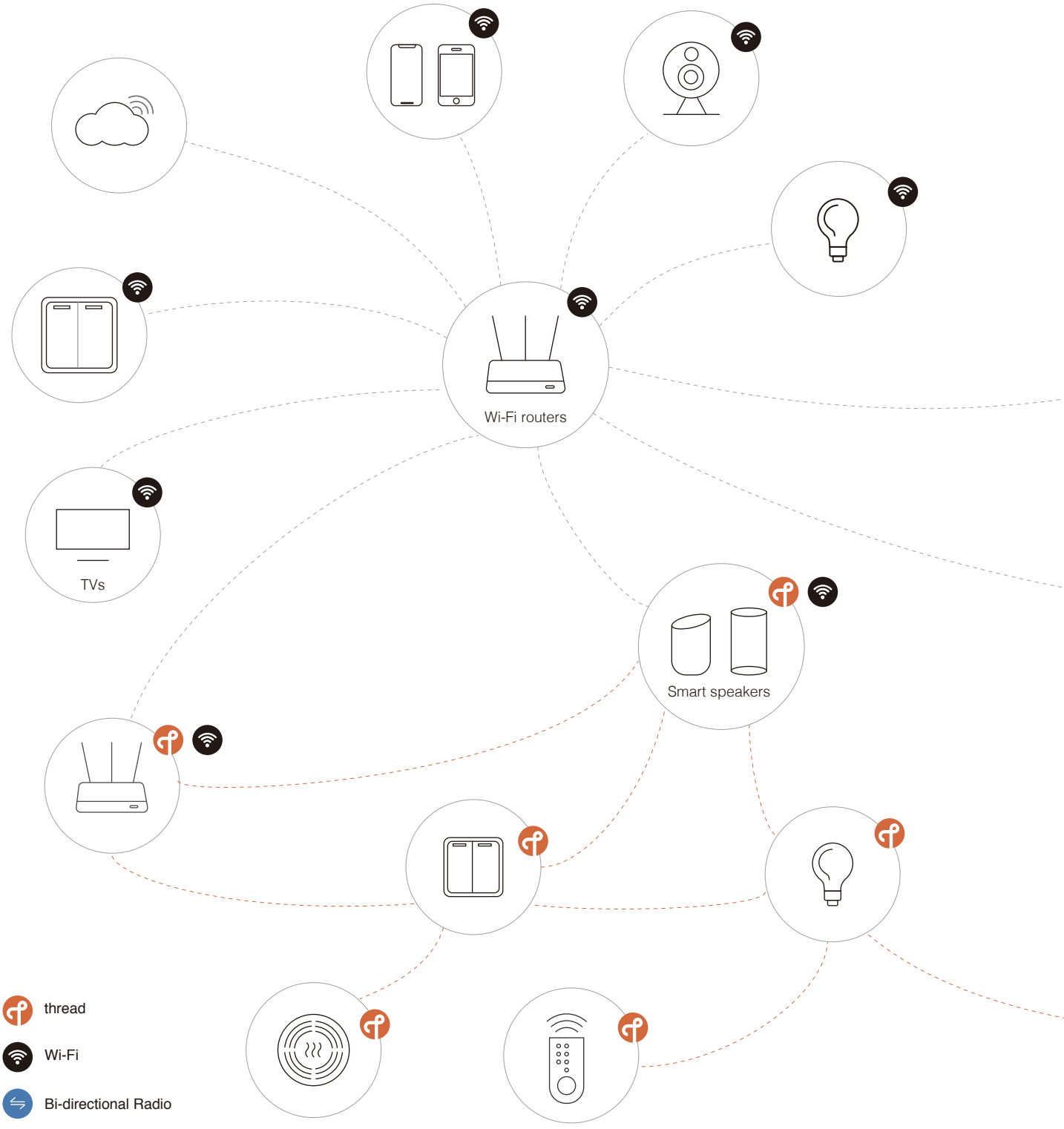
“matter„ is here

“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

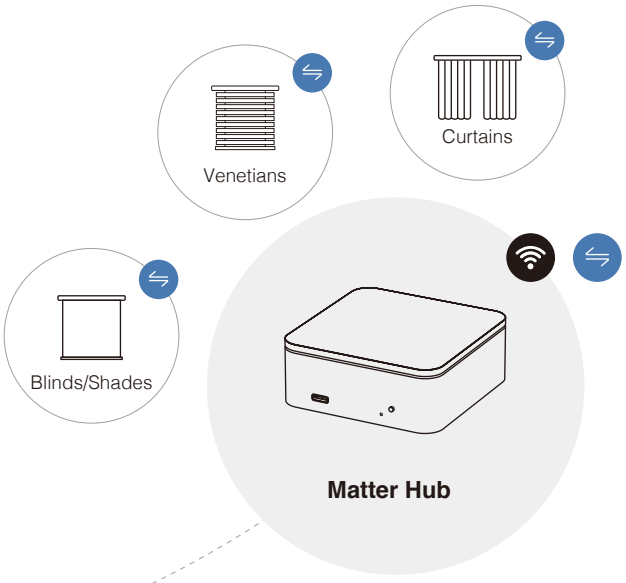
Connector
Smart Motorization Made Easy

matter

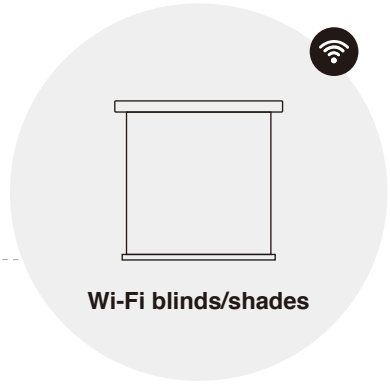

Wi-Fi routers
TVs
Smart speakers
thread
Wi-Fi
Bi-directional Radio

Connector

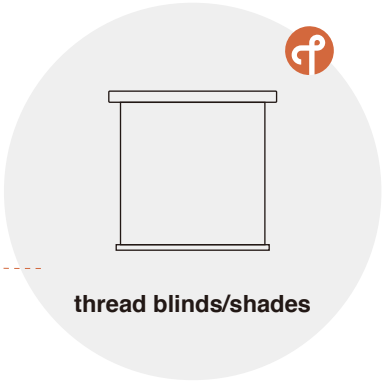
Smart Motorization Made Easy



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.



Matter uses a wireless technology based on Internet Protocol (IP), which Wi-Fi routers use to assign an IP address to each connected device. Therefore, 'Matter works over Wi-Fi' motors can be used directly.



Thread motors join users' existing home network through a Thread Border Router. Just like a Wi-Fi router can connect Wi-Fi devices into the network, a Thread Border Router allows Thread motors to become part of users' networks.

Matter Hub

ME-Box

2.4GHz Wi-Fi, Ethernet

For Radio+ Motor

ME-Box **DD7066M**

L98 x W98 x H37 (mm)

Matter Supported	Connector Platform Supported	Max. 20 rooms
Hub configuration via QR code	Firmware Update	Max. 30 motors
Powered by USB Type-C	433.92MHz	Max. 40 Scenes & Timers
Radio+ Control	0°C ~ 40°C	

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**
- **Wi-Fi(2.4GHz only) Connection** (DD7066M & DD7006M)
- **Ethernet Connection** (DD7066M)
- **Type-C USB (5V, 1A)**
- **Hub configuration via QR code, DIY/installer friendly**

M-Box

2.4GHz Wi-Fi Only

For Radio+ Motor

2.4GHz Wi-Fi only

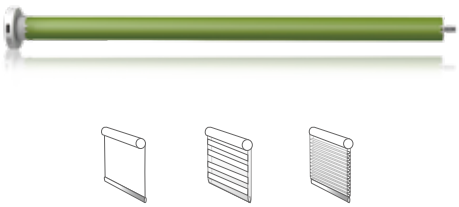
M-Box **DD7006M**

L75 x W75 x H31.5 (mm)

Matter Tubular Motor

Matter over thread + 433MHz bi-directional

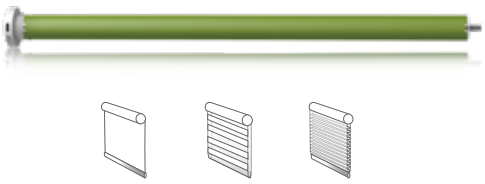
Works with



DC 5V type-C

DM25LEU/MT

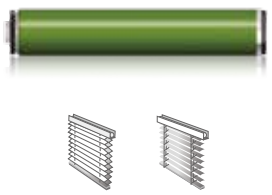
- Speed Regulation & Noise Reduction
- Switch Direction
- Stall Protection
- Built-in Receiver
- Built-in Lithium Battery
- Jog Mode
- Program Button



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 + 433MHz bi-directional

Works with

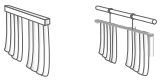
AC DM35F/SWM
DM45F/SWM

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

AC DM35EAB/SWM
DM45EAB/SWM

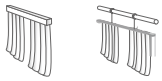
- Electronic Limit
- Precise Limit Setting
- Stall Protection
- Radio Lock
- Switch Direction
- Program Button
- Switch Control
- Preferred Stop Position

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

Matter Receiver & Switch

Matter over Wi-Fi + 433MHz bi-directional

Works with

Matter over Wi-Fi
Match for Standard Motor

Receiver DD50M

- Matter Supported
- One receiver per motor
- Max paired motor torque: 120Nm
- Compatible with all DOOYA emitters
- Input / Output voltage: 230V
- Output power: 500W
- Radio frequency: 433.92MHz
- Dimension: 100x27x40.5(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
- Dimension: 48 x 45 x 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: 230V
- Output power: 200W
- Radio frequency: 433.92MHz
- Dimension: 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

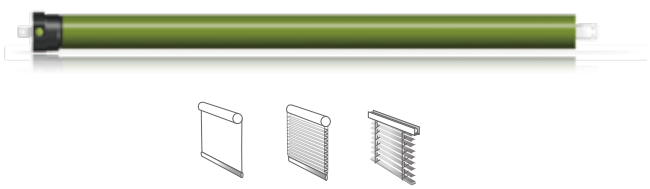
03

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.

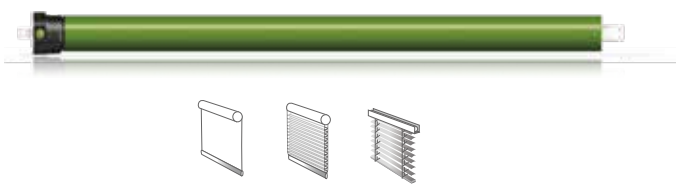
RS485 RS485 Communication

Open RS485 Protocol



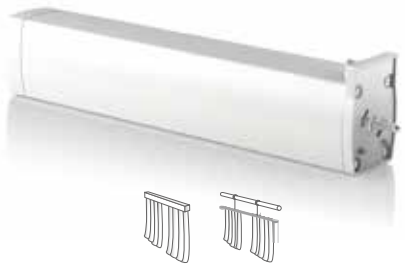
AC DM35EQL/J

- 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

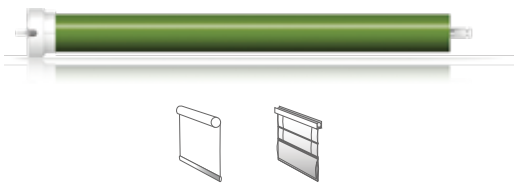
- RS485 Interface
- Switch Direction
- Stall Protection
- Built-in Receiver
- Stop/Run by Pulling Fabric
- Limit Positions Adjusting
- Multiple Stop Positions
- Manual Override
- Dry Contact Input
- Program Button
- Auto Limit Setting

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 technical 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

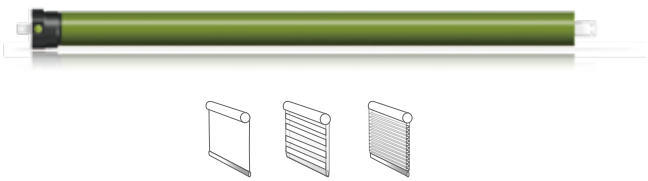
Open Serial Protocol



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

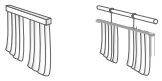
- Serial Communication
- Electronic Limit
- Precise Limit Setting
- Stall Protection
- Switch Direction
- Switch Control
- Preferred Stop Position
- Auto Limit Setting
- Integrated Repeater

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 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
- Dimension: ϕ100mm * H 23.5mm

CAN-Bus Hub

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

Z-Wave Motor

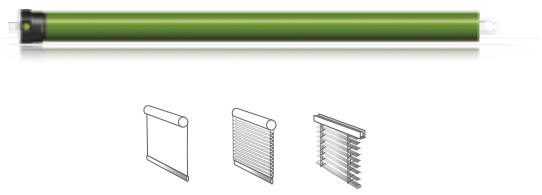
S2 Z-Wave Plus S2 certified device

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 Positions Adjusting

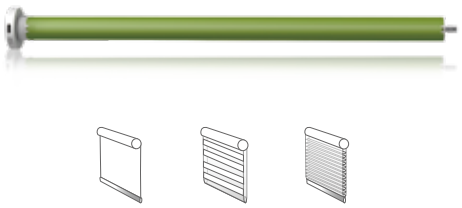


AC DM35ECB/F & DM45EQ/F

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

Zigbee Motor

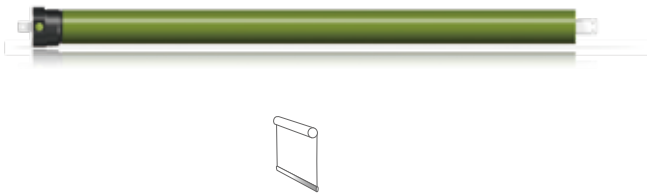
Zigbee 3.0 Standard



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 System

53 DC Battery Motor **LEU/S** Series

55 12V Low Power Consumption Motor **CE/S** Series

57 24V Low Voltage Motor **DE/S** Series

59 Wide Voltage Motor **TE/S** Series

61 DC Wand Motor **JLB** Series

62 AC Tubular Motor

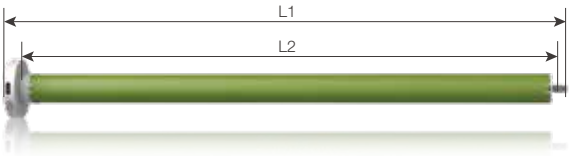
65 Accessories for Roller System

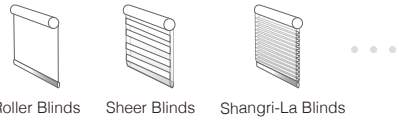
04

DC Battery Motor

LEU/S Series

matter THREAD zigbee Radio+





Common Parameter

Charging Port	**5V type-c**	Max. Limit Turns	**∞**	Protection Degree	**IP20**
Radio Frequency	**433⇌ MHz**	Running Time	**>6 min**	Working Temperature	**0~40°C**
Certification	CE FCC-ID				

DM20LEU/S	**0.5Nm 28rpm**		
Max. Charging Current	**2A**	Power	**8W**
Length	*L1=475mm; L2=454mm*		

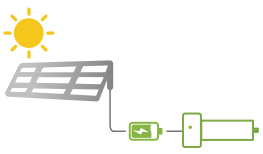
DM28LEU/S	**2Nm 28rpm**		
Max. Charging Current	**2A**	Power	**15W**
Length	*L1=650mm; L2=630mm*		

DM25LEU/S	**0.7Nm 28rpm**		
Max. Charging Current	**2A**	Power	**6W**
Length	*L1=478mm; L2=460mm*		

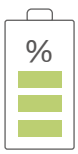
DM35LEU/S	**6Nm 24rpm & 13Nm 11rpm**		
Max. Charging Current	**2A**	Power	**38W**
Length	*L1=692mm; L2=665mm*		

DM25LEU/S	**1.1Nm 28rpm**		
Max. Charging Current	**2A**	Power	**10W**
Length	*L1=478mm; L2=460mm*		

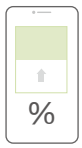
DM45LEU/S	**6Nm 24rpm & 13Nm 11rpm**		
Max. Charging Current	**2A**	Power	**38W**
Length	*L1=820mm; L2=790mm*		



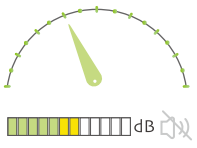
Solar Charging



Battery Capacity Feedback



Status Feedback



Speed Regulation & Noise Reduction

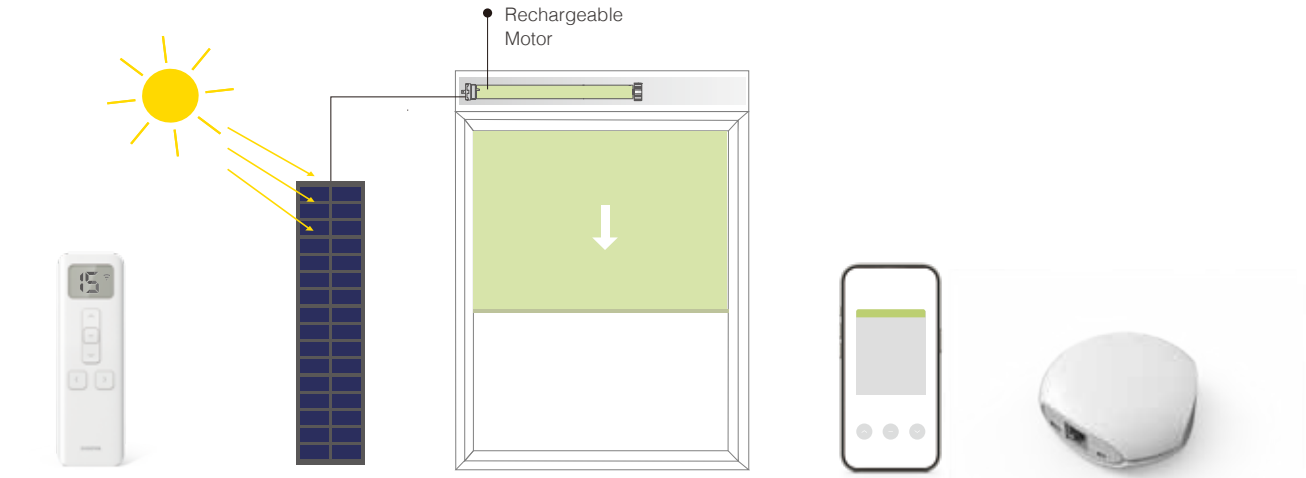
Regular Features

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

APP Control Features

- Battery Check
- Percentage Control
- Status Feedback
- Timer
- Radio Signal Indication
- Scene Control
- Scan & Program

Charging & Control Solutions



Remote Control
See Page 97

Solar Charging

APP Control

IoT (via bridge)
See page 39

With Cover Shell

Solar Panel
DC3292 New

- Output voltage: 5V type-C charging
- Output power: 1.65W
- Working temperature: 0°C ~+50°C
- Dimension: 198 × 58 × 11(mm)

Solar Panel
DC1288M

- Output voltage: 5V type-C charging
- Output power: 3W
- Working temperature: 0°C ~+50°C
- Dimension: 400 × 50 × 2.5 (mm)

With Cover Shell

Solar Panel
DC1288T

- Output voltage: 5V type-C charging
- Output power: 3W
- Working temperature: 0°C ~+50°C
- Dimension: 476 × 52 × 11(mm)

Solar Panel
DC1290C

- Output voltage: 5V type-C charging
- Output power: 5W
- Working temperature: 0°C ~+50°C
- Dimension: 600 × 65 × 4 (mm)

With Cover Shell

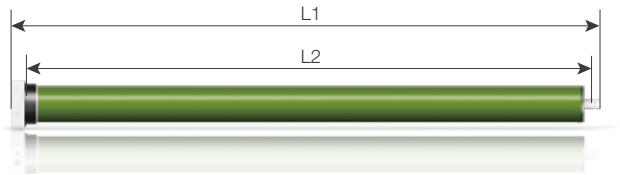
Solar Panel
DC1290D

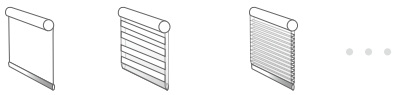
- Output voltage: 5V type-C charging
- Output power: 5W
- Working temperature: 0°C ~+50°C
- Dimension: 554 × 60 × 10 (mm)

12V Low Power Consumption Motor

CE Series

matter THREAD zigbee Radio+





Common Parameter

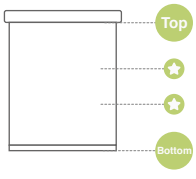
Rated Voltage	**12V**	Max. Limit Turns	**∞**	Protection Degree	**IP20**
Radio Frequency	**433⇌MHz**	Running Time	**>6 min**	Working Temperature	**0~40°C**
Certification	CE FCC-ID				

DM15CE/S	**0.3Nm 30rpm**		
Current	**0.6A**	Rated Power	**5W**
Length	*L1=265mm; L2=256mm*		

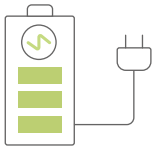
DM35CE/S	**6Nm 24rpm & 13Nm 11rpm**		
Current	**3.23A**	Rated Power	**38W**
Length	*L1=498mm; L2=474mm*		

DM25CE/S	**1.1Nm 28rpm**		
Current	**1A**	Rated Power	**12W**
Length	*L1=344mm; L2=326mm*		

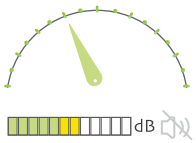
DM28CEQ/S	**2Nm 28rpm**		**Quiet**
Current	**1.8A**	Rated Power	**26W**
Length	*L1=487mm; L2=467mm*		



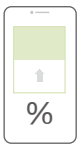
Multiple Stop Positions



External Battery System



Speed Regulation & Noise Reduction



Status Feedback & Percentage Control

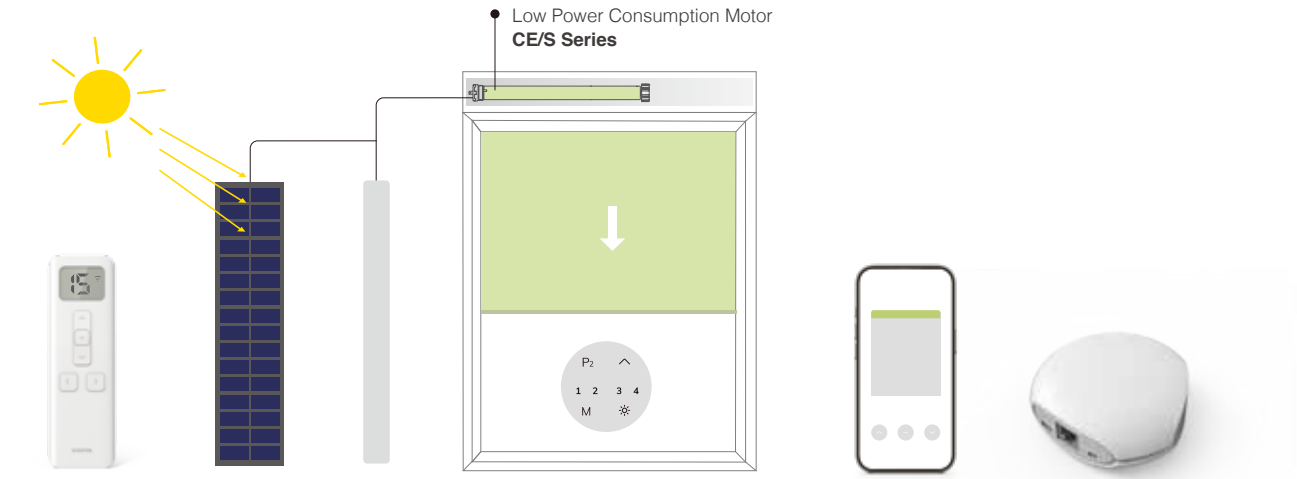
Regular Features

- Switch Direction
- Stall Protection
- Built-in Receiver
- Multiple Stop Positions
- Jog Mode
- Program Button
- Solar Charging
- Short Motor for Narrow Window
- Speed Regulation
- Low Voltage Alert
- External Battery

APP Control Features

- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scene Control
- Scan & Program
- Timer

Charging & Control Solutions



Remote Control
See page 97

Solar Charging

Battery Wand

Light Sensor
See page 118

APP Control

IoT (via bridge)
See page 39

Solar Panel
DC1288M

- Output voltage: 5V type-C charging
- Output power: 3W
- Working temperature: 0°C ~+50°C
- Dimension: 400 × 50 × 2.5 (mm)

With Cover Shell

Solar Panel
DC1288T

- Output voltage: 5V type-C charging
- Output power: 3W
- Working temperature: 0°C ~+50°C
- Dimension: 476 × 52 × 11(mm)

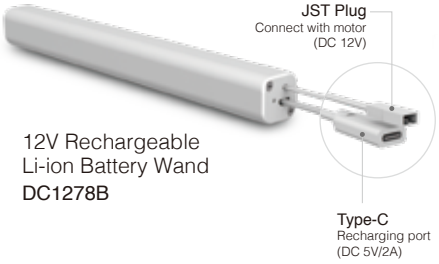
Solar Panel
DC1290C

- Output voltage: 5V type-C charging
- Output power: 5W
- Working temperature: 0°C ~+50°C
- Dimension: 600 × 65 × 4 (mm)

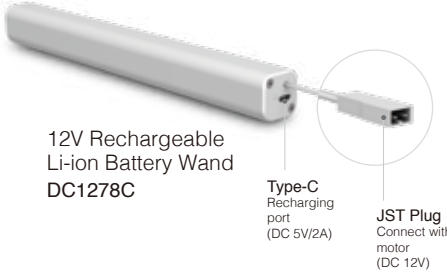
With Cover Shell

Solar Panel
DC1290D

- Output voltage: 5V type-C charging
- Output power: 5W
- Working temperature: 0°C ~+50°C
- Dimension: 554 × 60 × 10 (mm)



12V Rechargeable
Li-ion Battery Wand
DC1278B



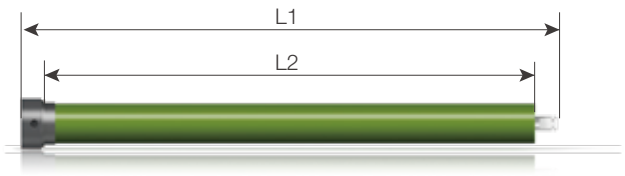
12V Rechargeable
Li-ion Battery Wand
DC1278C

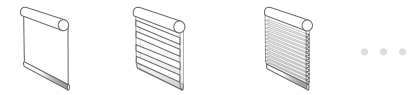
- For DOOYA DC motor (<12V,20W)
- Capacity: Li-ion 2600 mAh, 11.1V
- Life cycles: 300 recharge cycles (>80% initial capacity)
- Recharge Time: 10-12 hours
- Dimension: 265×27.5×27.5 (mm)

24V Low Voltage Motor

DE Series

matter THREAD zigbee Radio+





Common Parameter

Rated Voltage	**24V**	Max. Limit Turns	**∞**	Protection Degree	**IP20**
Radio Frequency	**433⇌MHz**	Running Time	**>6 min**	Working Temperature	**0~40°C**
Certification	CE FCC-ID				

For more smart motors, please consult Dooya team.

DM25DE/SK 1.1Nm 28rpm KNX

Rated Current	**0.5A**	Rated Power	**12W**
Length	*L1=344mm; L2=326mm*		

DM35DE/SZ 2Nm 28rpm DCT

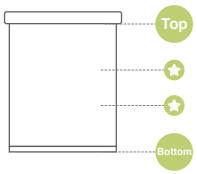
Current	**1.6A**	Rated Power	**38W**
Length	*L1=498mm; L2=474mm*		

DM28DEQ/J 2Nm 28rpm RS485

Rated Current	**0.75A**	Rated Power	**18W**
Length	*L1=487mm; L2=467mm*		

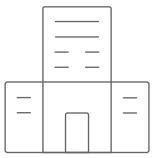
DM35DEQ/C 2Nm 20rpm CAN-Bus

Current	**1.6A**	Rated Power	**38W**
Length	*L1=498mm; L2=474mm*		

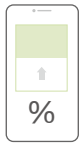


Multiple Stop Positions

Low Voltage



Project Application



Status Feedback & Percentage Control

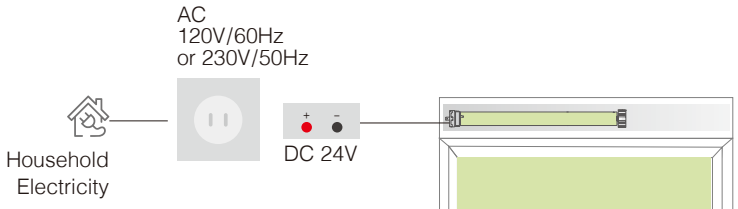
Regular Features

- Switch Direction
- Stall Protection
- Built-in Receiver
- Jog Mode
- Program Button
- Short Motor for Narrow Window

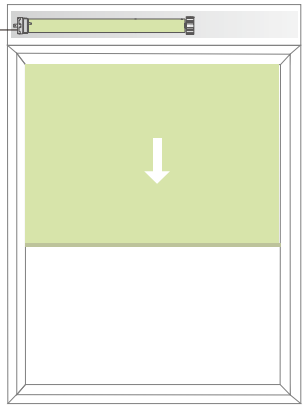
APP Control Features

- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scene Control
- Scan & Program
- Timer

Control Solutions



Remote Control
See Page 97



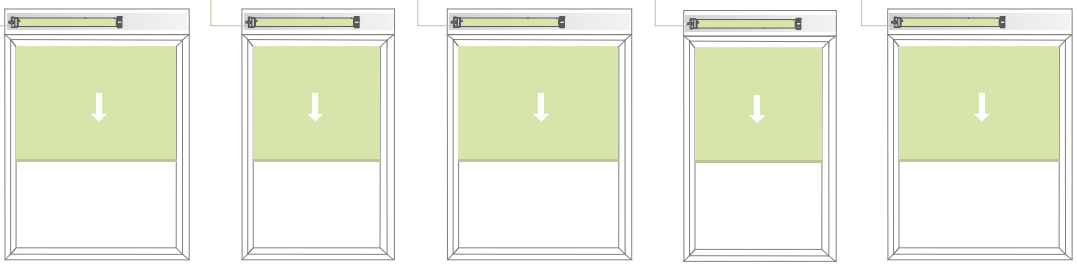
APP Control

IoT (via bridge)
See page 39

SYNC Operation

KNX CAN-Bus RS485

CAN-Bus Gateway
DD6001



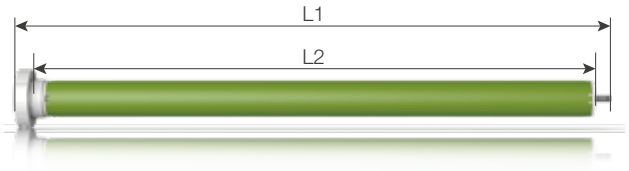
Remote Control
See page 97

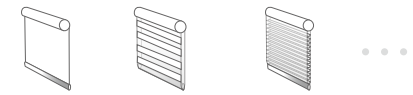
APP Scene Control

Wide Voltage Motor

TE/S Series

matter THREAD zigbee Radio+ KNX CAN-Bus RS485 DCT





Common Parameter

Input Voltage	**100~240V**	Max. Limit Turns	**∞**	Protection Degree	**IP20**
Radio Frequency	**433⇌MHz**	Running Time	**>6 min**	Working Temperature	**0~40°C**
Certification	CE				

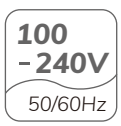
DM25TE/S & **DM25TE/SZ**	**0.7Nm**	**34rpm**
Rated Current **0.3A**	Rated Power	**10W**
Length *L1=445mm; L2=425mm*		

DM35TE/S	**6Nm**	**24rpm**
Rated Current **1.25A**	Rated Power	**38W**
Length *L1=650mm; L2=630mm*		

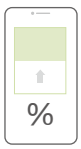
DM28TEQ/S & **DM28TEQ/SZ**	**2Nm**	**28rpm**
Rated Current **0.16A**	Rated Power	**18W**
Length *L1=478mm; L2=460mm*		

DM45TEQ/S	**6Nm**	**24rpm**
Rated Current **3.23A**	Rated Power	**38W**
Length *L1=820mm; L2=790mm*		

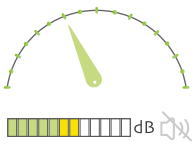
Radio Lock



Wide Voltage Input



Status Feedback



Speed Regulation & Noise Reduction

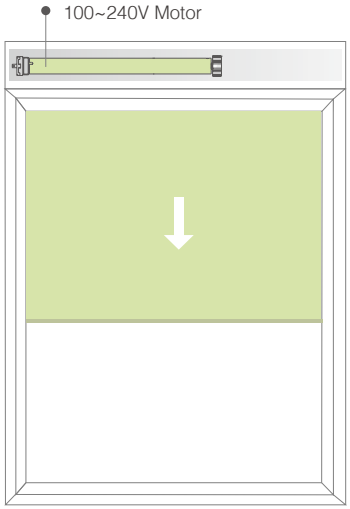
Regular Features

- Built-in Transformer
- Switch Direction
- Speed Regulation & Noise Reduction
- Stall Protection
- Built-in Receiver

APP Control Features

- Percentage Control
- Status Feedback
- Timer
- Radio Signal Indication
- Scene Control
- Scan & Program

Control Solutions

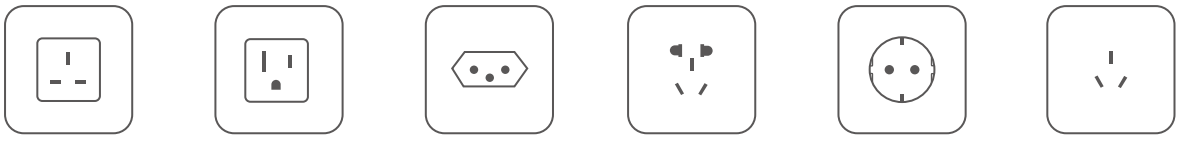


Remote Control
See Page 97

APP Control

IoT (via bridge)
See page 39

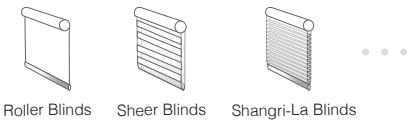
A Motor Free From Voltage Worries



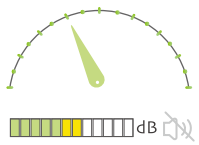
230V | 120V | 127V/220V | 220V | 230V | 240V

DC Wand Motor

DM25JLB
Electronic Limit



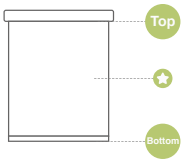
5V	DM25JLB	0.7Nm 28rpm					
Max. Charging Current	**2A**	Power	**7W**	Protection Degree	**IP20**	Certification	CE
Running Time	**>6 min**	Max. Limit Turns	**∞**	Working Temperature	**0~40°C**		



Speed Regulation & Noise Reduction

Switch Wand Control

Type-C Charging



Preferred Stop Position

Features

- Electronic Limit
- Switch Direction
- Stall Protection
- Preferred Stop Position
- Low Noise
- Switch Wand Control
- DC Power Supply
- Jog Mode

Length Options

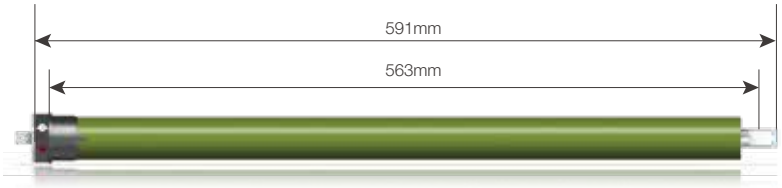
24" 625mm
36" 930mm
48" 1240mm
60" 1540mm

Switch Wand
DC1370B

AC Tubular Motor

DM35RV/SF

Radio+, Dry Contact
Mechanic Limit



Roller Blinds

Wooden
Venetian Blinds

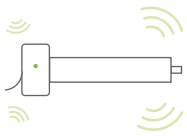
Common Parameter

Radio Frequency	**433⇌MHz**	Working Temperature	**-10~50°C**
Max. Limit Turns	**36~44**	Running Time	**>4 min**
Protection Degree	**IP44**		

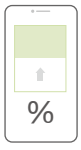
230V/50Hz			**6Nm 28rpm**
Rated Current	**0.53A**	Rated Power	**121W**
Certification	TÜV CE		

120V/60Hz			**6Nm 33rpm**
Rated Current	**0.85A**	Rated Power	**102W**
Certification	cULus		

Multiple Types of Switches


Integrated Repeater

Radio Lock



Status Feedback & Percentage control

Regular Features

- Switch Direction
- Built-in Receiver
- Mechanic Limit
- Low Noise
- Dry-contact Input
- Integrated Repeater

APP Control Features

- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scene Control
- Scan & Program
- Timer

Control Options

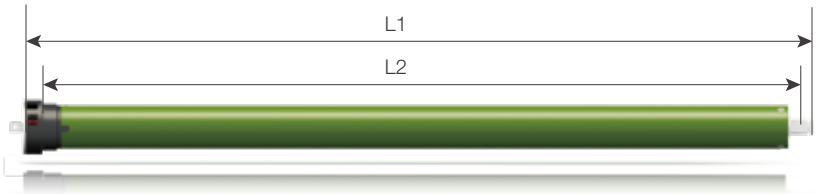
Remote
See page 97

APP

IoT (via bridge)
See page 39

AC Tubular Motor

DM45EQ/S
DM45F/S Series



Roller Blinds

Common Parameter

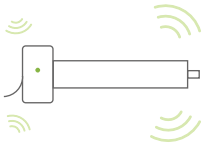
Radio Frequency	**433⇌MHz**	Max. Limit Turns	**36~44**	Protection Degree	**IP44**
Running Time	**>4 min**	Working Temperature	**0~40°C**		

DM45EQ/S

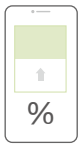
	230V/50Hz	**6Nm**	**28rpm**
Rated Current	**0.53A**	Rated Power	**121W**
Length	*L1=759mm; L2=731mm*		
Certification	TÜV, CE		
	120V/60Hz	**6Nm**	**33rpm**
Rated Current	**0.87A**	Rated Power	**104W**
Length	*L1=759mm; L2=731mm*		
Certification	cULus		

DM45F/S

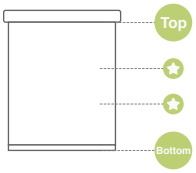
	230V/50Hz	**10Nm**	**26rpm**
Rated Current	**0.69A**	Rated Power	**161W**
Length	*L1=609mm; L2=580mm*		
Certification	TÜV, CE		
	120V/60Hz	**10Nm**	**32rpm**
Rated Current	**1.23A**	Rated Power	**148W**
Length	*L1=609mm; L2=580mm*		
Certification	cULus		


Integrated Repeater

Memorized Setting



Status Feedback & Percentage Control



Multiple Stop Positions

Regular Features

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

APP Control Features

- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scene Control
- Scan & Program
- Timer

Control Options

Remote
See page 97

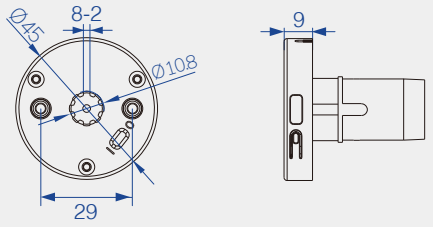
APP

IoT (via bridge)
See page 39

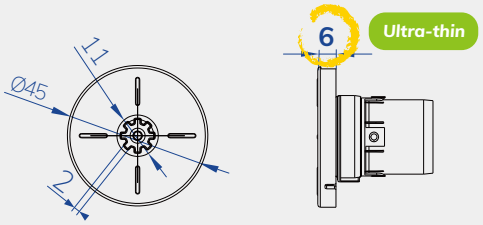
Accessories

Motor Head Types

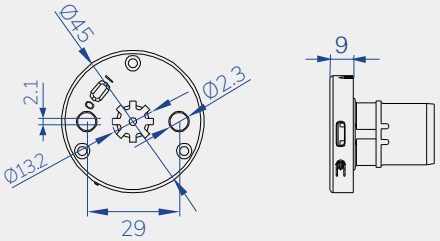
DM20

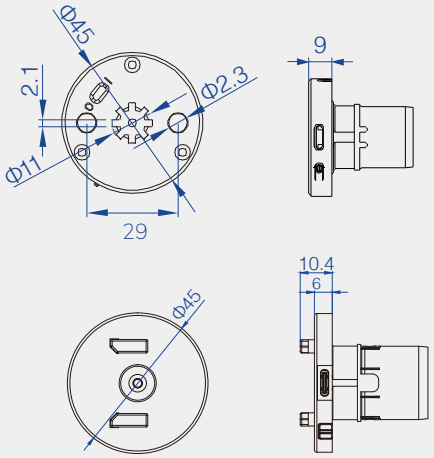


DM25

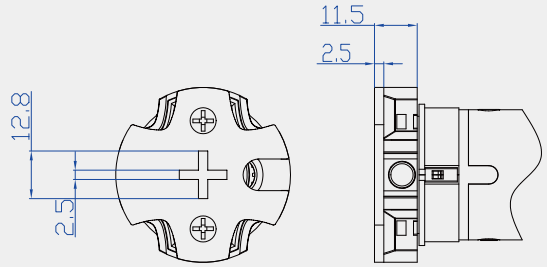


DM28

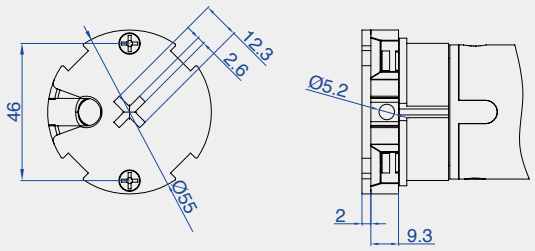


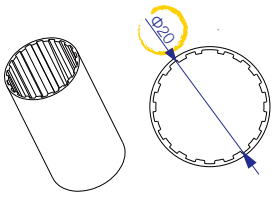
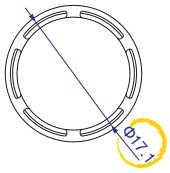
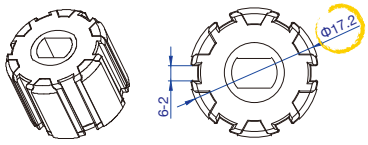
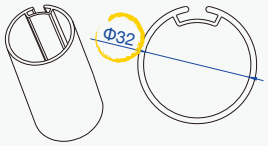
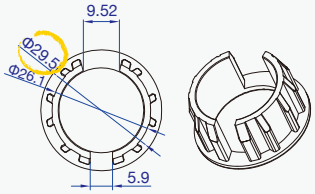
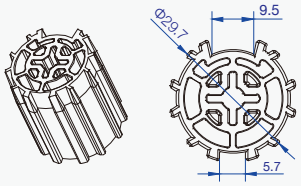
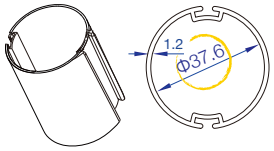
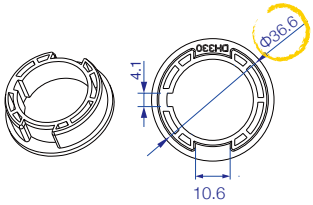
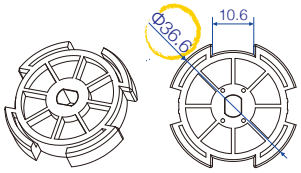
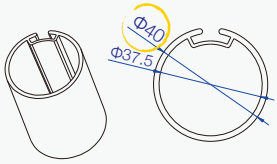
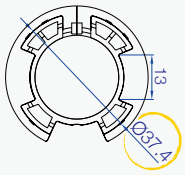
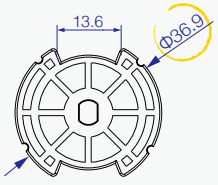
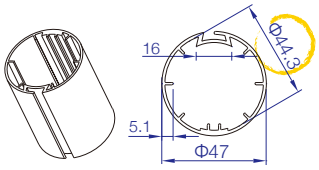
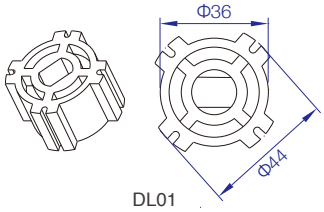
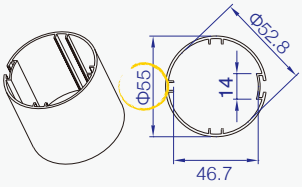
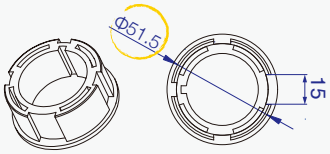
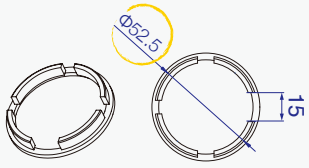
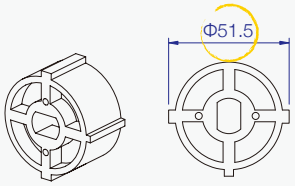


DM35



DM45



	Tube	Crown	Drive adaptor
Φ20 **Tube System** DM15 Motor **0.8 inch**	 20mm round tube	 415-1-01-03	 DL499A
Φ32 **Tube System** DM20 Motor **1.25 inch**	 32mm round tube	 DH468	 DL544
Φ40/Φ38 **Tube System** DM25 Motor **1.5 inch**	 38mm round tube	 DH330	 DL379
Φ40/Φ38 **Tube System** DM28 Motor **1.5 inch**	 DG19	 DH386	 DL386
Φ47 **Tube System** DM35 Motor **1.85 inch**	 DG02 *Max.≤4m*	DM35 Tubular Motor Inside	 DL01
Φ55 **Tube System** DM35/DM45 Motor **2.15 inch**	 DG03	 DH178  DH100	 DL02

Motorized Cord-lifting System

69 Side Assembly Motor For 1" Venetian

70 Middle Assembly Motor For 1" Venetian

71 TDBU Motor For Honeycomb

72 Middle Assembly Motor For 2" Venetian

73 40 Octagonal Tube System For Wood Venetian

74 Solution For 1" Head Rail

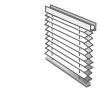
75 Solution For 2" Head Rail

05

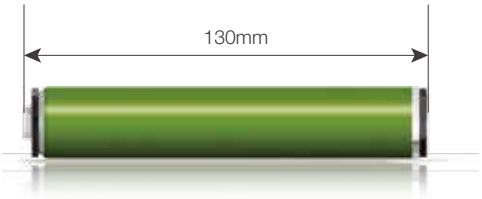
Side Assembly Motor
For 1" Venetian

matter THREAD zigbee Radio+

DV24WE/S <35dB
Single-Shaft Output


Honeycomb Blinds

Venetian Blinds

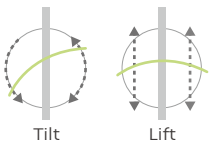


Common Parameter

Rated Voltage	**8/12V**	Working Temperature	**0~+40°C**	Protection Degree	**IP20**
Radio Frequency	433⇌MHz	Running Time	**>6 min**	Certification	CE
Max. Limit Turns	**∞**				

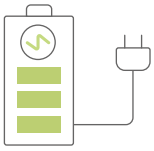
DV24WE/S			**0.2Nm 28rpm**
Rated Current	**0.3A**	Rated Power	**4W**
Length	**L=130mm**		

			0.6Nm 34rpm
Rated Current	**1A**	Rated Power	**8W**
Length	**L=130mm**		



Tilt & Lift

Radio Lock


External Battery System

Status Feedback & Percentage Control

Regular Features

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

APP Control Features

- Percentage Control
- Scene Control
- Status Feedback
- Percentage Tilting
- Timer

Power Options

Solar Panel & Battery Wand
See page 76

Power Adapter

Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39

Middle Assembly Motor
For 1" Venetian

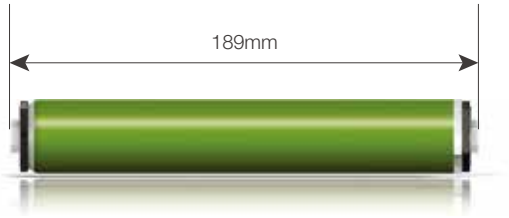
matter THREAD zigbee Radio+

DV24WF/S
Double-Shaft Output

<35dB

Roman Blinds

Venetian Blinds

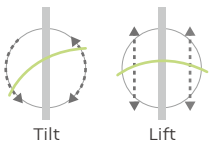


Common Parameter

Rated Voltage	**8/12V**	Working Temperature	**0~+40°C**	Protection Degree	**IP20**
Radio Frequency	433⇌MHz	Running Time	**>6 min**	Certification	CE
Max. Limit Turns	**∞**				

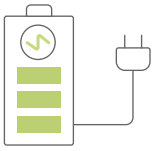
DV24WF/S			**0.8Nm 34rpm**
Rated Current	**1.18A**	Rated Power	**14W**
Rated Voltage	**8/12V**		

			2Nm 34rpm
Rated Current	**2.1A**	Rated Power	**26W**
Rated Voltage	**12V**		



Tilt & Lift

Radio Lock


External Battery System

Status Feedback & Percentage Control

Regular Features

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

APP Control Features

- Percentage Control
- Scene Control
- Status Feedback
- Percentage Tilting
- Timer

Power Options

Solar Panel & Battery Wand
See page 76

Power Adapter

Control Options

Remote
See page 97

APP

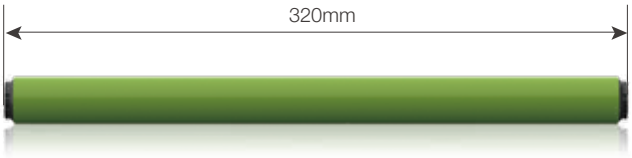
IoT (via bridge)
See page 39

TDBU Motor For Honeycomb

matter THREAD zigbee Radio+

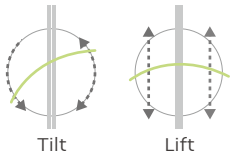
DV24AF/TD
Electronic Limit, Radio+

<35dB

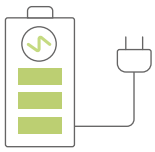


TDBU Blinds

DV24AF/TD	2x0.6Nm 34rpm					Certification	CE
Rated Voltage	12V	Radio Frequency	433⇌ MHz	Max. Limit Turns	∞	Protection Degree	IP20
Rated Current	1.5A	Rated Power	18W	Running Time	>6 min	Working Temperature	0~+40°C



Tilt & Lift



External Battery System

Speed Regulation & Noise Reduction

Status Feedback & Percentage Control

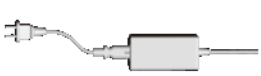
Regular Features

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

APP Control Features

- Percentage Control
- Scene Control
- Status Feedback
- Percentage Tilting
- Timer

Power Adapter



Power Adapter
DC731E

Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39

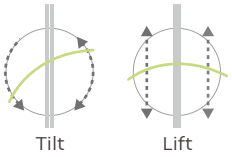
Middle Assembly Motor
For 2" Venetian

matter THREAD zigbee Radio+

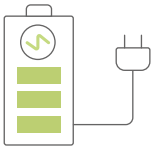
DV45CF/S
Dual Shaft, Radio+

Venetian Blinds

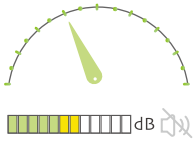
DV45CF/S	2x3Nm 24rpm					Certification	CE
Rated Voltage	12V	Radio Frequency	433⇌ MHz	Max. Limit Turns ∞		Protection Degree	IP20
Rated Current	3.4A	Rated Power	41W	Running Time	>6 min	Working Temperature	0~+40°C



Tilt & Lift



External Battery System



Speed Regulation & Noise Reduction

Status Feedback & Percentage Control

Regular Features

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

APP Control Features

- Percentage Control
- Scene Control
- Status Feedback
- Percentage Tilting
- Timer

Power Options

Solar Panel & Battery Wand
See page 76

Power Adapter
DC731S

Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39

40 Octagonal Tube System
For Wooden Venetian

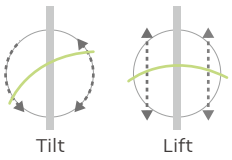
matter THREAD zigbee Radio+

DM35LEU/S
Electronic Limit, Radio+

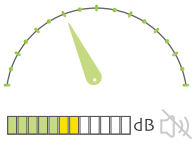
<35dB

Wood
Venetian Blinds

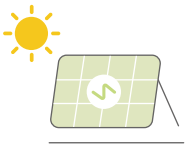
DM35LEU/S	13Nm 11rpm			Certification	CE
Voltage 5V	Radio Frequency 433⇌ MHz	Max. Limit Turns ∞		Protection Degree	IP20
Max. Charging Current 2A	Power 38W	Running Time	>6 min	Working Temperature	0~+40°C



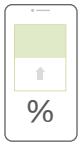
Tilt & Lift



Speed Regulation & Noise Reduction



Solar Charging



Status Feedback & Percentage Control

Regular Features

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

APP Control Features

- Battery Check
- Percentage Control
- Status Feedback
- Timer
- Radio Signal Indication
- Scene Control
- Scan & Program

Charging Options

Solar Panel
See page 76

Type-C

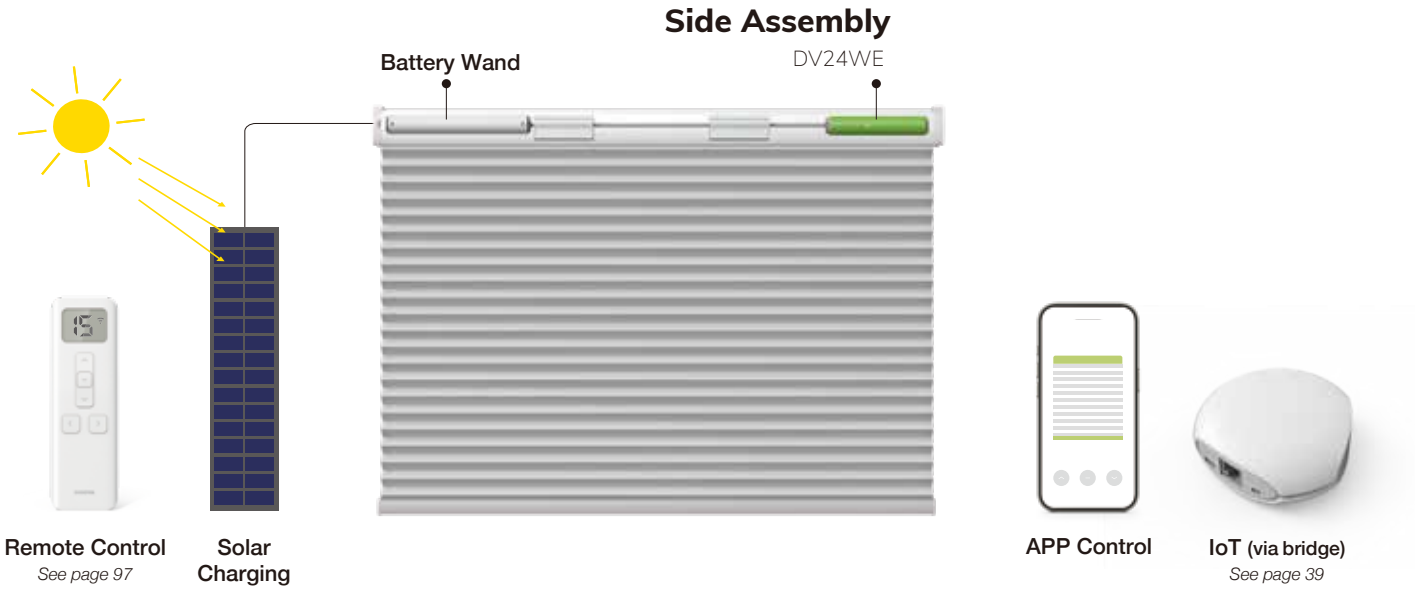
Control Options

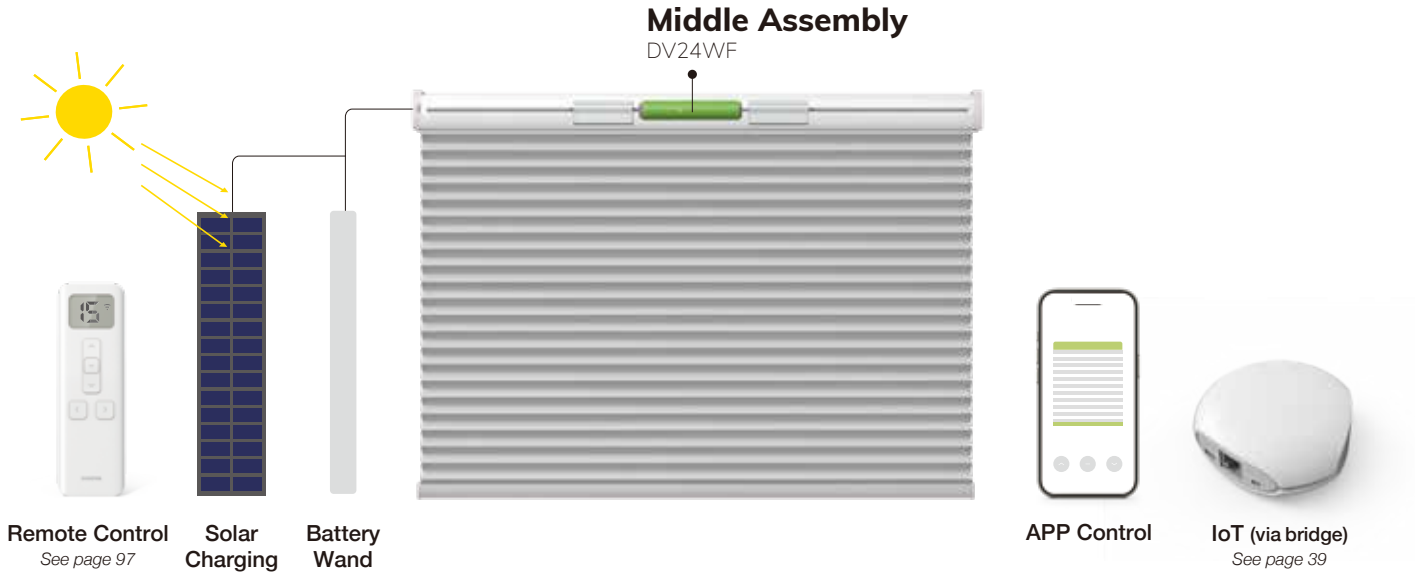
Remote
See page 97

APP

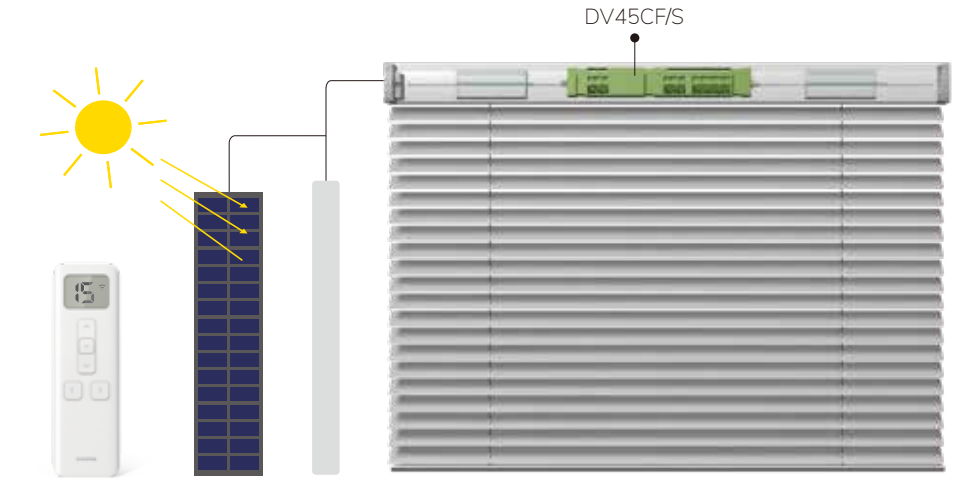
IoT (via bridge)
See page 39

Solution for 1″ Head Rail





Solution for 2″ Head Rail



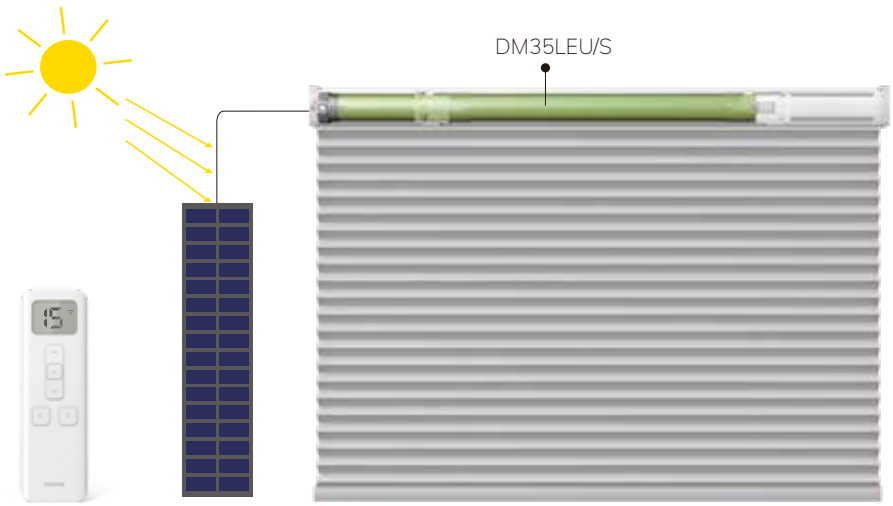
Remote Control
See page 97

Solar Charging

Battery Wand

APP Control

IoT (via bridge)
See page 39



Remote Control
See page 97

Solar Charging

APP Control

IoT (via bridge)
See page 39

Solar Panel
DC1288M

- Output voltage: 5V type-C charging
- Output power: 3W
- Working temperature: 0°C ~+50°C
- Dimension: 400 × 50 × 2.5 (mm)

With Cover Shell

Solar Panel
DC1288T

- Output voltage: 5V type-C charging
- Output power: 3W
- Working temperature: 0°C ~+50°C
- Dimension: 476 × 52 × 11(mm)

Solar Panel
DC1290C

- Output voltage: 5V type-C charging
- Output power: 5W
- Working temperature: 0°C ~+50°C
- Dimension: 600 × 65 × 4 (mm)

With Cover Shell

Solar Panel
DC1290D

- Output voltage: 5V type-C charging
- Output power: 5W
- Working temperature: 0°C ~+50°C
- Dimension: 554 × 60 × 10 (mm)

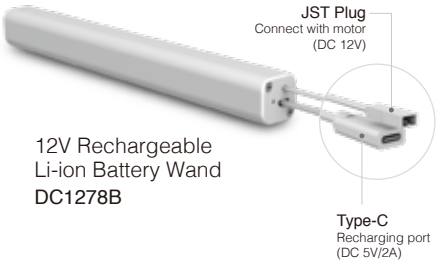
With Cover Shell

Solar Panel
DC3292 New

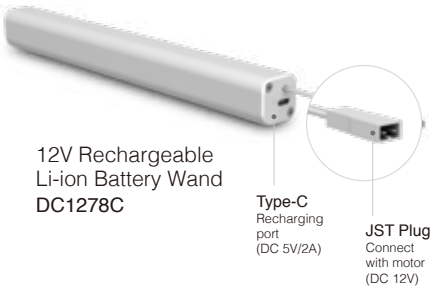
- Output voltage: 5V type-C charging
- Output power: 1.65W
- Working temperature: 0°C ~+50°C
- Dimension: 198 × 58 × 11(mm)

8.4V Rechargeable
Battery Wand
DC1278

- For DV24WE/S motor
- Input: 5V/1A
- Output: 8.4V
- Capacity: 2.2Ah/16.28WH
- Working life: 200 times
- Dimension: 183 × Φ24 (mm)



12V Rechargeable
Li-ion Battery Wand
DC1278B



12V Rechargeable
Li-ion Battery Wand
DC1278C

- For DOOYA DC motor (<12V,20W)
- Capacity: Li-ion 2600 mAh, 11.1V
- Life cycles: 300 recharge cycles
  (>80% initial capacity)
- Recharge Time: 10-12 hours
- Dimension: 265×27.5×27.5 (mm)

Motorized Curtain

Motorized Panel Blinds

Motorized Vertical Blinds

Motorized Curtain Track

Curtain Motor

79 **DT20** *Series*

81 **DT72** *Series*

83 **DT82** *Series*

85 Drive Box & Tracks System

Panel Blinds Motor

91 **DK60TE/S**

Vertical Blinds Motor

92 **DK60TE/S**

93 **DK30** *Series*

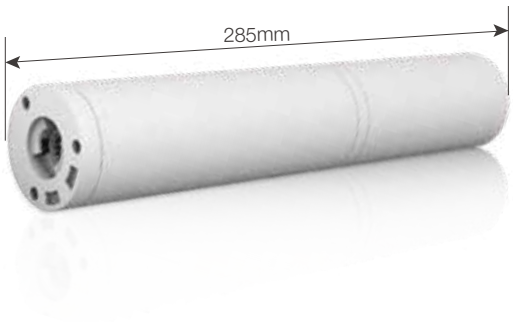
06

DC Battery Smart Motor

DT20LEU/S

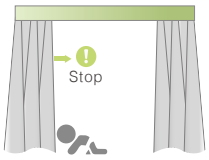
Battery Powered

Radio+ zigbee matter THREAD

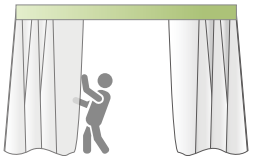


5V	DT20LEU/S	1.2Nm 12cm/s				Certification	CE
Radio Frequency	433⇌ MHz	Max. Charging Current	2A	Power	16W	Protection Degree	IP20
Running Time	>6 min	Max. Limit Turns	∞	Max. Load	50KG	Working Temperature	0~40°C

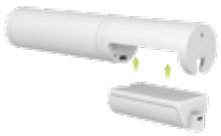
Battery Capacity Feedback



Stall Protection



Manual Override



Pluggable Battery Pack

Regular Features

- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Pluggable Battery-pack
- Solar Charging
- Manual Override
- Limit Positions Adjusting
- Auto Limit Setting
- Stop/Run by Pulling Fabric
- Multiple Stop Positions

APP Control Features

- Battery Check
- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scene Control
- Scan & Program
- Timer

Charging Options

Solar Panel
See page 76

Type-C

Control Options

Remote
See page 97

APP

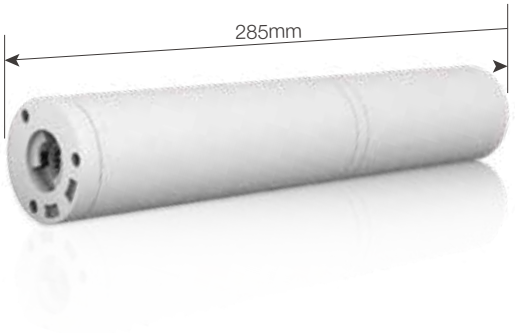
IoT (via bridge)
See page 39

Wide Voltage Smart Motor

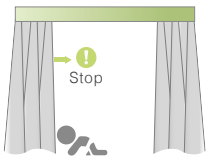
DT20TV/S

Stop/Run by pulling fabric

Radio+ zigbee matter THREAD

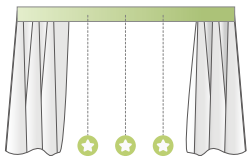


100-240V	**1.2Nm 12cm/s**					Certification	CE
Radio Frequency	**433⇌ MHz**	Current	**0.16A**	Max. Limit Turns	**∞**	Protection Degree	**IP20**
Running Time	**>6 min**	Power	**16W**	Max. Load	**50KG**	Working Temperature	**0~40°C**



Stall Protection

RS485 Input



Multiple Stop Positions

Radio Lock

Regular Features

- Switch Direction
- Stall Protection
- Built-in Receiver
- Hotel Mode
- Multiple Stop Positions
- Manual Override
- Dry Contact Input
- Auto Limit Setting
- Stop/Run by Pulling Fabric
- Speed Regulation
- Limit Positions Adjusting
- RS485 Input

APP Control Features

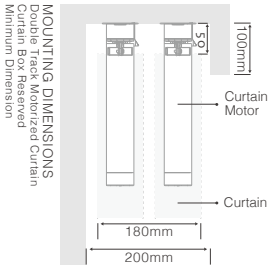
- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scan & Program
- Scene Control
- Timer

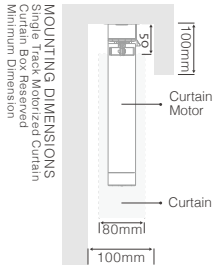
Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39



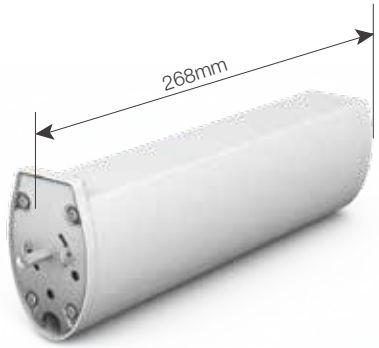


DC Battery Smart Motor

DT72LEU/S

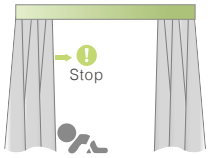
Battery Powered

Radio+ zigbee matter THREAD

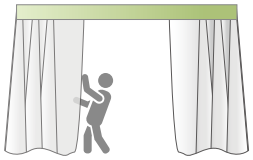


5V	DT72LEU/S	1.2Nm 12cm/s				Certification	CE
Radio Frequency	433⇌ MHz	Max. Charging Current	2A	Power	16W	Protection Degree	IP20
Running Time	>6 min	Max. Limit Turns	∞	Max. Load	50KG	Working Temperature	0~40°C

Battery Capacity Feedback



Stall Protection



Manual Override

Built-in Lithium Battery

Regular Features

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

APP Control Features

- Battery Check
- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scene Control
- Scan & Program
- Timer

Charging Options

Solar Panel
See page 76

Type-C

Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39

Wide Voltage Smart Motor

DT72TV/S Series

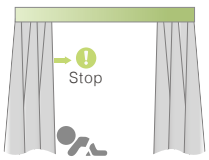
Radio+	DT72TV/S	Bi-RF		
Wi Fi	DT72TV/SW	Bi-RF	Wi-Fi	
matter	DT72TV/SWM	Bi-RF	Wi-Fi	Matter

Common Parameter

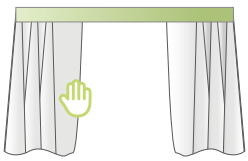
Radio Frequency	433⇌ MHz	Max. Limit Turns	∞	Protection Degree	IP20
Running Time	>6 min	Certification	CE	Working Temperature	0~40°C

100-240V		1.2Nm 14cm/s	
Rated Current	0.2A	Rated Power	20W
Max. Load	50KG		

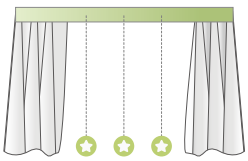
100-240V		2Nm 14cm/s	
Rated Current	0.3A	Rated Power	30W
Max. Load	100KG		



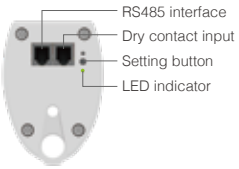
Stall Protection



Stop/Run by Pulling Fabric



Multiple Stop Positions



Third Party Interface

Regular Features

- Switch Direction
- Stall Protection
- Built-in Receiver
- Hotel Mode
- Manual Override
- Dry Contact Input
- RS485 Input
- Auto Limit Setting
- Multiple Stop Positions
- Stop/Run by Pulling Fabric
- Speed Regulation
- Limit Positions Adjusting

APP Control Features

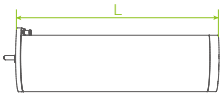
- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scan & Program
- Scene Control
- Timer

Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39



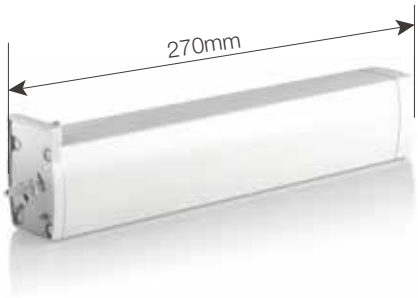
DT72TV/S	*L=300mm*
DT72TV/SW	*L=315mm*
DT72TV/SWM	*L=315mm*

DC Battery Motor

DT82LEU/S

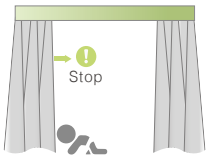
Battery Powered

Radio+ zigbee matter THREAD

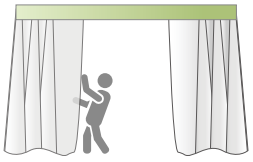


5V	DT82LEU/S	1.2Nm 12cm/s				Certification	CE
Radio Frequency	433⇌ MHz	Max. Charging Current	2A	Power	16W	Protection Degree	IP20
Running Time	>6 min	Max. Limit Turns	∞	Max. Load	50KG	Working Temperature	0~40°C

Battery Capacity Feedback



Stall Protection



Manual Override

Built in Lithium Battery

Regular Features

- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Solar Charging
- Manual Override
- Limit Positions Adjusting
- Auto Limit Setting
- Stop/Run by Pulling Fabric
- Multiple Stop Positions

APP Control Features

- Battery Check
- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scene Control
- Scan & Program
- Timer

Charging Options

Solar Panel
See page 76

Type-C

Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39

Wide Voltage Smart Motor

DT82TV/S Series

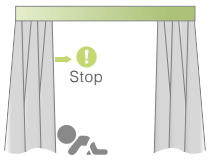
Radio+	DT82TV/S	Bi-RF		
Wi Fi	DT82TV/SW	Bi-RF	Wi-Fi	
matter	DT82TV/SWM	Bi-RF	Wi-Fi	Matter

Common Parameter

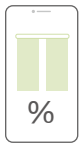
Radio Frequency	433 ⇌ MHz	Max. Limit Turns	∞	Working Temperature	0~40°C
Running Time	>6 min	Protection Degree	IP20	Certification	CE

100-240V	1.2Nm 14cm/s		
Rated Current	0.2A	Rated Power	20W
Max. Load	50KG		

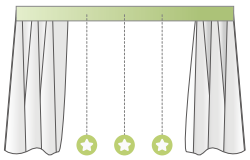
100-240V	2Nm 14cm/s		
Rated Current	0.3A	Rated Power	30W
Max. Load	100KG		



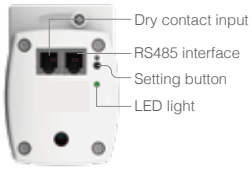
Stall Protection



Status Feedback & Percentage Control



Multiple Stop Positions



Third Party Interface

Regular Features

- Switch Direction
- Stall Protection
- Built-in Receiver
- Hotel Mode
- Multiple Stop Positions
- Manual Override
- Dry Contact Input
- RS485 Input
- Stop/Run by Pulling Fabric
- Speed Regulation
- Limit Positions Adjusting
- Auto Limit Setting

APP Control Features

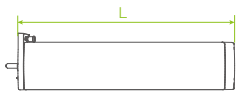
- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scan & Program
- Scene Control
- Timer

Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39

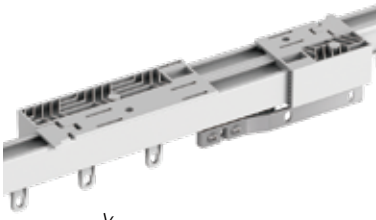


DT82TV/S	*L=295mm*
DT82TV/SW	*L=315mm*
DT82TV/SWM	*L=315mm*

Motorized Curtain Track

Curtain Motor **DT20 Series**

N# Track



T# Track

Curtain Motor **DT72 Series**

S# Track

Curtain Motor **DT82 Series**

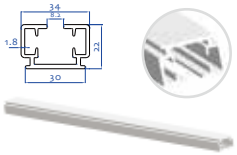
B# Track

Drive boxes & Track System

DT20 Series	**S# Track** *DS957-00*	**Drive Box**	**WDS957-00-01** *(2pc / set)*		
	B# Track *DS957B-00*	**Drive Box**	**WDS957B-00-01** *(2pc / set)*		
DT72 Series	**S# Track** *DS157-00GA*	**Drive Box**	**DS157-00G-03** *(Head)*	**DS157-00G-08** *(End)*	
	B# Track *DS157B-00GA*	**Drive Box**	**DS157B-00G-03** *(Head)*	**DS157B-00G-08** *(End)*	
	T# Track **WDS930-00E-00**				
DT82 Series	**S# Track** *DS157-00BB*	**Drive Box**	**DS157-00B-00** *(2pc / set)*	**DS157A-00A-01** *(1pc / set)*	
	B# Track *DS157B-00AA*	**Drive Box**	**DS157B-00A-03A** *(Head)*	**DS157B-00A-08A** *(End)*	
	T# Track **WDS930-00D-00**				

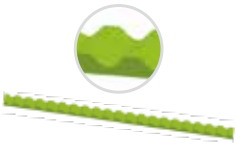
Note: Above-listed are common information for reference.
Please consult Dooya export team for technical details or customization specs.

S# Track Accessories



Guide Track
DS157-05

Aluminium Alloy,
Surface with Electrophoresis Processing
Thickness: 2.1mm，0.58kg/m
Buy according to the length (Unit: meter)



Rubber Belt
DS157-07D

Green (Imported)
Maximum Load: 100kg
Buy According to the length (Unit:meter)
Remind: Each 1m track required 2m Belts

Belt Fastening Button
DS157-10

Plastic
Center: 4pcs / set
Side: 2pcs / set

Master Carrier
DS157-26DA

or

Master Carrier
WDS157-26J
for Ripple-Fold

Stainless
Center: 2 pcs/set
Side: 1 piece/set

Bumper
DS157B-04D

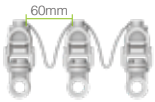
Standard runner
2 pcs / set (track)

Sponge
DS157-12

For bumper
2 pcs/set

Runner
DS157-06A

or



Runner
DS936-01 or DS936-02
for Ripple-Fold

End Hook
DS157-04

or

End Hook
DS157-04A
for Ripple-Fold

Plastic
2pcs / set

Ceiling Bracket
DS157-08

3 pcs/m(Track More),
Add 2 pcs for 1 Meter Track
Select No.5 or No.6

Wall Bracket
DS157-18

Single Track, 3 pcs/m
Add 2 pcs for 1 meter track more

Wall Bracket
DS157-19

Double Track , 3 pcs/m
(Add 2 pcs for 1 meter track more)

Connecting Kit
DS157-23

Powder Coating Surface+stainless
Steel (Thickness 2.2mm)
1 set/track

Slave Box
DS157-00B-08
1pcs / set

Other Ripple-Fold Accessories

Fold Snap Tape
DS157-33

Fold Snap Tape
2m, per meter of Track

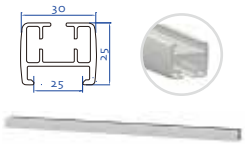
Buckle For Fold Tape
DS157-35

Center:2 pcs/set
Side:1 pcs/set

Hexnut
W3110034300
Stainless
Center: 2 pcs/set, Side: 1 piece/set

Bolt
W3110076300
Stainless
Center: 2 pcs/set, Side: 1 piece/set

B# Track Accessories



Guide Track
DS157B-01

Aluminium Alloy,
Surface with Electrophoresis Processing
Thickness: 2.1mm，0.58kg/m
Buy according to the length (Unit: meter)

Rubber Belt
DS157-07D

Green (Imported)
Maximum Load: 100kg
Buy According to the length (Unit:meter)
Remind: Each 1m track required 2m Belts

Belt Fastening Button
DS157-10

Plastic
Center: 4pcs / set
Side: 2pcs / set

Master Carrier
DS157B-26

or

Master Carrier
WDS157B-26K
for Ripple-Fold

Stainless
Center：2 pcs/set
Side：1 piece/set

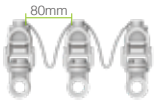
Bumper
DS157B-04D

Standard runner
2 pcs / set (track)

Sponge
DS157-12

For bumper
2 pcs/set

Runner
DS157B-07BA



Runner
DS157B-28
for Ripple-Fold

End Hook
DS157-04

or

End Hook
DS157-04A
for Ripple-Fold

Plastic
2pcs / set

Ceiling Bracket
DS157B-11A

3 pcs/m(Track More),
Add 2 pcs for 1 Meter Track
Select No.5 or No.6

Wall Bracket
DS157-18F-01

Single Track, 3 pcs/m
Add 2 pcs for 1 meter track more

Wall Bracket
DS157-19F-01

Double Track , 3 pcs/m
(Add 2 pcs for 1 meter track more)

Connecting Kit
DS157B-09

Powder Coating Surface+stainless
Steel (Thickness 2.2mm)
1 set/track

Slave Box
DS157B-00G-08A

1pcs / set

Connecting Kit Bolt
DS157-17

Other Ripple-Fold Accessories

Fold Snap Tape
DS157-33

Fold Snap Tape
2m, per meter of Track

Buckle For Fold Tape
DS157-35

Center:2 pcs/set
Side:1 pcs/set

Hexnut
W3110034300

Stainless
Center：2 pcs/set, Side：1 piece/set

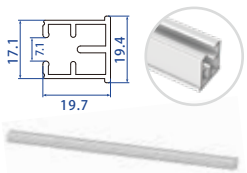
Bolt
W3110076300

Stainless
Center：2 pcs/set, Side：1 piece/set

N# Track Accessories

Master Box
WDS957N-00-01
for DT52 Series Motor

Slave Box
DS157-00AE-13E
1pcs / set



Guide Track (N# Track)
DS157-05J
Aluminium Alloy,
Surface with Electrophoresis Processing
Thickness: 2.1mm，0.58kg/m
Buy according to the length (Unit: Meter)

Rubber Belt
DS157-07H
Green(Imported)
Max. Load: 100kg
Buy according to the length (Unit:meter)
Remind: Each 1m track required 2m belts

Master Carrier
DS157-09C
Stainless
Center：2 pcs/set
Side：1 piece/set

Runner
DS157-06M
8 pcs/m (Track)

Bumper
DS157B-04
Standard runner
2 pcs / set (track)

Sponge
DS157-12
For bumper
2 pcs/set

End Hook
DS157-04F
2pcs / set

Ceiling Bracket
DS157B-18F
3 pcs/m(Track More),
Add 2 pcs for 1 Meter Track
Select No.5 or No.6

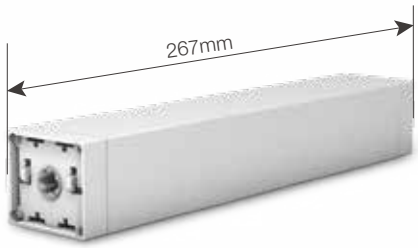
T# Track Accessories

			Range of Track Length	
			1.5-2.5M	**2.5-4.5M**
DS930-00B-00	**DS930-04-00**	Carrier	x 20	x 36
		End Hook	x 2	x 2
	DS930-05-00	Bracket 1	x 4	x 8
		Bracket 2	x 3	x 5
	DS157-00IC-04	Screw Kit	x 26	x 26
		Screw Kit	x 26	x 26

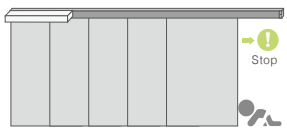
Wide Voltage Panel Blinds Motor

DK60TE/S Radio+

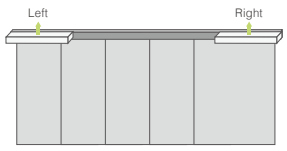
AC (100V~240V), Electronic Limit,



100～240V	DK60TE/S	1.2Nm	5.5cm/s			Certification	CE
Radio Frequency	433⇌MHz	Rated Current	0.13A	Power	10W	Protection Degree	IP20
Running Time	>6 min	Max. Limit Turns	∞	Max. Load	22KG	Working Temperature	0~40°C



Stall Protection



Left or Right Mounting

RS485 Control

Speed Regulation

Regular Features

- Switch Direction
- Stall Protection
- Jog Mode
- Built-in Receiver
- Program Button
- Multiple Stop Positions
- Dry Contact Input
- Limit Positions Adjusting
- Two Sides Mounting
- RS485 Input

APP Control Features

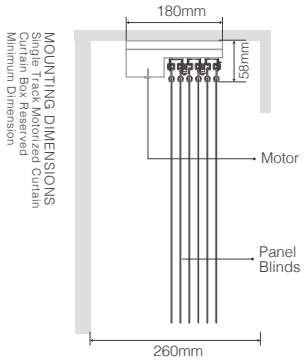
- Radio Signal Indication
- Percentage Control
- Status Feedback
- Scene Control
- Scan & Program
- Timer

Control Options

Remote
See page 97

APP

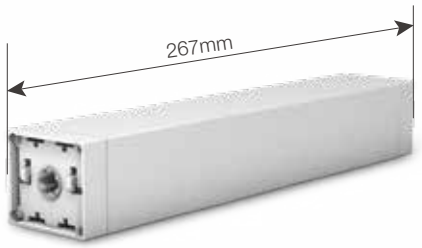
IoT (via bridge)
See page 39



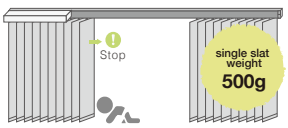
Wide Voltage Vertical Blinds Motor

DK60TE/S Radio+

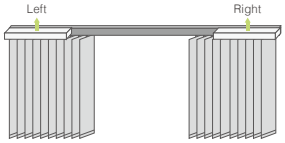
AC (100V~240V), Electronic Limit,



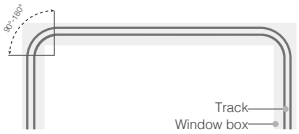
100～240V	DK60TE/S	1.2Nm	5.5cm/s			Certification	CE
Radio Frequency	433⇌MHz	Rated Current	0.13A	Power	10W	Protection Degree	IP20
Running Time	>6 min	Max. Limit Turns	∞	Max. Load	22KG	Working Temperature	0~40°C



Stall Protection



Left or Right Mounting



Curved Track for Arc Window (90°-180°)

Speed Regulation

Regular Features

- Switch Direction
- Stall Protection
- Jog Mode
- Built-in Receiver
- Program Button
- Multiple Stop Positions
- Dry Contact Input
- Limit Positions Adjusting
- Two Sides Mounting
- RS485 Input

APP Control Features

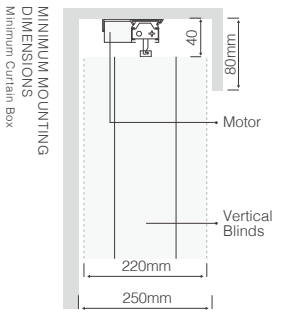
- Radio Signal Indication
- Percentage Control
- Status Feedback
- Scene Control
- Scan & Program
- Timer

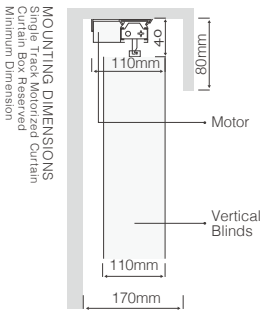
Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39

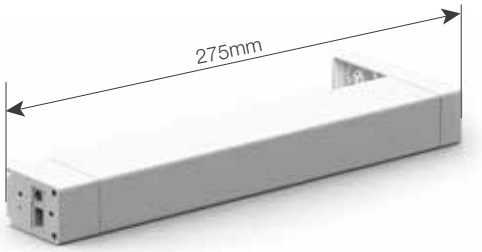




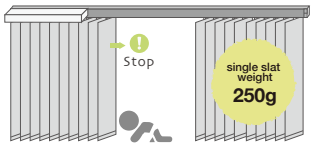
DC Vertical Blinds Motor

DK30DE/S Radio+

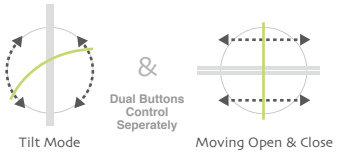
Electronic Limit, Radio+
DC Jog Motor



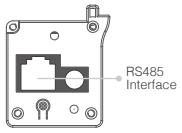
12V	DK30DE/S	15Nm 6cm/s				Certification	CE
Radio Frequency	433⇌ MHz	Rated Current	0.66A	Power	8W	Protection Degree	IP20
Running Time	>6 min	Max. Limit Turns	∞	Max. Load	10KG	Working Temperature	0~40°C



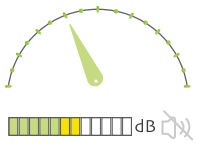
Stall Protection



Jog & Tilt Mode



RS485 Control



Speed Regulation & Noise Reduction

Regular Features

- Switch Direction
- Stall Protection
- Jog Mode
- Built-in Receiver
- Program Button
- Auto Limit Setting
- RS485 Input
- External Power Adaptor

APP Control Features

- Radio Signal Indication
- Percentage Control
- Status Feedback
- Scan & Program
- Scene Control
- Timer

Power Adaptor

Adaptor
DC731M

Control Options

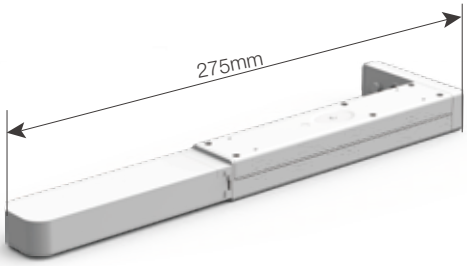
Remote
See page 97

APP

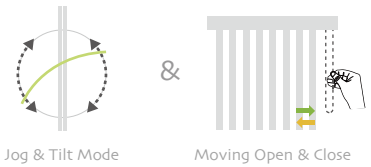
IoT (via bridge)
See page 39

DK30LE/S & DK30NE/S

Electronic Limit, Radio+
DC Jog Motor



8.4V	***DK30LE/S***	**0.15Nm**	**15Rpm**				
6V	***DK30NE/S***					Certification	CE
Radio Frequency	**433⇌ MHz**	Rated Current	**0.83A**	Power	**8W**	Protection Degree	**IP20**
Running Time	**>6 min**	Max. Limit Turns	**∞**	Max. Load	**10KG**	Working Temperature	**0~40°C**



Jog & Tilt

Pluggable Battery Pack

Easy Installation

Regular Features

- Electronic Limit
- Switch Direction
- Built-in Receiver
- Lithium Battery or AA Battery
- Pluggable Battery-pack
- Stall Protection
- External Battery with Quick Plug

APP Control Features

- Battery Check
- Percentage Control
- Status Feedback
- Radio Signal Indication
- Scene Control
- Scan & Program
- Timer

Charging Options

Solar Panel
See page 76

Type-C

Control Options

Remote
See page 97

APP

IoT (via bridge)
See page 39

Control System

97 Emitter

111 Receiver

116 Switch Module

117 Light Sensor & Repeater

118 Converter

119 Group Controller

07

Emitter

DD7600H SERIES

- Side buttons for tilt function
- Radio Frequency: 433.92MHz
- Battery: 1.5V*2(AAA)
- Working Temperature: -10℃ ~ +50℃
- Dimension: 144*45*14.8(mm)

Control System

Single-channel Emitter
DD7600H

15-channel Emitter
DD7602H

- Freely adjustable Max. channels
- Percentage control
- Motor Battery check

Single-channel
Dual Control Emitter
DD7660H

- For motorized curtain

15-channel
Dual Control Emitter
DD7662H

- Freely adjustable Max. channels
- Percentage control
- Motor Battery check

Single-channel Emitter
DD7660AH

- Multiple stop positions

15-channel Emitter
DD7662AH

- Freely adjustable Max. channels
- Percentage control
- Multiple stop positions
- Motor Battery check

Emitter

DD3170H SERIES

Radio Frequency: 433.92MHz

Battery: 1.5V*2(AAA)

Working Temperature: -10℃ ~ +50℃

Dimension: 80*80*15.5(mm)

Control System

WALL-MOUNTED SERIES

Portable
Single-channel Emitter
DD3170H

- With tilt buttons

Portable
15-channel Emitter
DD3172H

- With tilt buttons
- Multiple stop positions

Portable
Single-channel Emitter
DD3170AH

- Multiple stop positions

Portable 15-channel Emitter
DD3172AH

- Freely adjustable max. channels
- Multiple stop positions

Portable Single-channel
Dual Control Emitter
DD3171H

- For motorized curtain

Portable 15-channel
Dual Control Emitter
DD3173H

- Freely adjustable max. channels
- Percentage control

Emitter

DD7700H SERIES

Radio Frequency: 433.92MHz

Battery: 1.5V*2(AAA)

Working Temperature: -10℃ ~ +50℃

Dimension: 133.5*45*13.5(mm)

Control System

Single-channel Emitter
DD7700H

15-channel Emitter
DD7702H

- Freely adjustable Max. channels

Single-channel Timer Emitter
DD7703H

- Timer mode
  (Regular, Manual, Random)

5-channel Timer Emitter
DD7705H

Single-channel Emitter
DD7710H

15-channel Emitter
DD7712H

Single-channel Emitter
DD7762HR

- Light control

Emitter

DD3770H SERIES

Radio Frequency: 433.92MHz

Battery: 1.5V*2(AAA)

Working Temperature: -10℃ ~ +50℃

Dimension: 80*80*14(mm)

Control System

WALL-MOUNTED SERIES

Portable
Single-channel Emitter
DD3770H

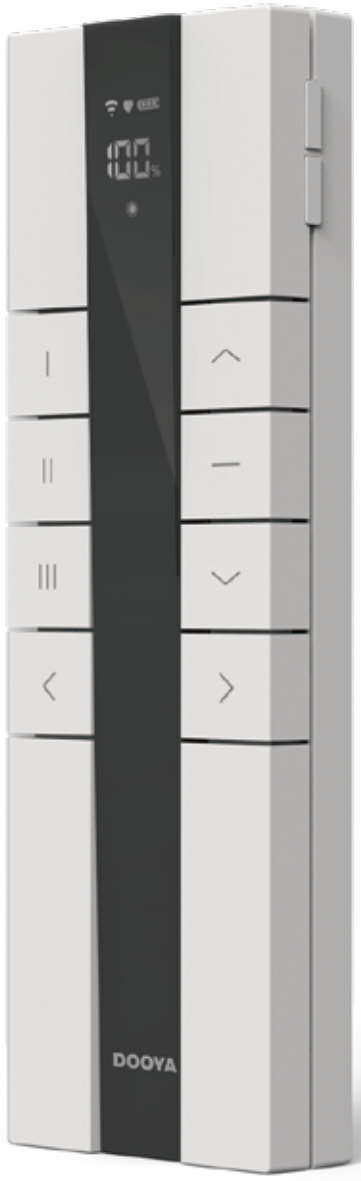
Portable
Dual Channel Emitter
DD3771H

Portable
15-channel Emitter
DD3772H

Portable Single-channel
Timer Emitter
DD3773H

Portable 5-channel
Timer Emitter
DD3775H

Emitter



DD7860H SERIES

Radio Frequency: 433.92MHz

Battery: 1.5V*2(AAA)

Working Temperature: -10℃ ~ +50℃

Dimension: 137*45*16(mm)

Control System

Single-channel
Dual Control Emitter
DD7860AH

- Multiple stop positions

15-channel
Dual Control Emitter
DD7862AH

- Percentage control
- Multiple stop positions
- Motor Battery check

Single-channel
Dual Control Emitter
DD7860H

- For motorized curtain

15-channel
Dual Control Emitter
DD7862H

- For motorized curtain
- Percentage control
- Motor Battery check

Emitter

DD3070H SERIES

Radio Frequency: 433.92MHz

Battery: 1.5V*2(AAA)

Working Temperature: -10℃ ~ +50℃

Dimension: 80*80*15.5(mm)

Control System

Portable Single-channel Emitter
DD3070H

Portable 15-channel Emitter
DD3072H

Portable Single-channel Emitter
DD3071H

Portable 15-channel Emitter
DD3073H

Portable Single-channel Emitter
DD3070AH

- Multiple stop positions

Portable 15-channel Emitter
DD3072AH

- Freely adjustable max. channels
- Multiple stop positions

Emitter

NORTH AMERICA SERIES

Single-channel Emitter
DD1520H

- Wall-mounted
- Battery: 2 x 1.5V batteries (AAA)
- Radio frequency: 433.92MHz
- Working temperature: -10°C ~+50°C
- Dimension: 104×44.6×25(mm)

15 - channel Emitter
DD1522H

- Wall-mounted
- Battery: 2 x 1.5V batteries (AAA)
- Radio frequency: 433.92MHz
- Working temperature: -10°C ~+50°C
- Dimension: 104×44.6×25(mm)

Single-channel Dual Control Emitter
DD1530H

- Wall-mounted
- Battery: 2 x 1.5V batteries (AAA)
- Radio frequency: 433.92MHz
- Working temperature: -10°C ~+50°C
- Dimension: 104×44.6×25(mm)

Portable 5 - channel Emitter
DD6010H

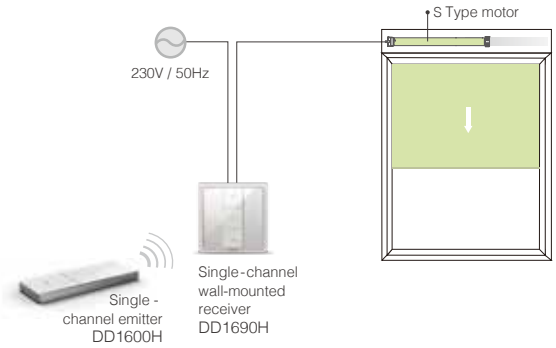
- Individual and group control
- Wall-mounted
- Battery: 3V, CR2430
- Radio frequency: 433.92MHz
- Working temperature: -10°C ~+50°C
- Dimension: 66×30.9×11(mm)

1
2
3
4
5
STOP

Receiver

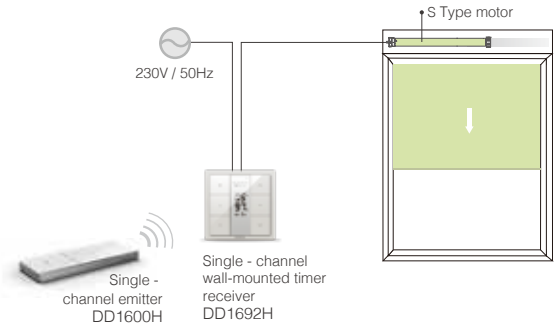
WALL-MOUNTED SERIES

Single-channel
Wall-mounted Receiver
DD1690H

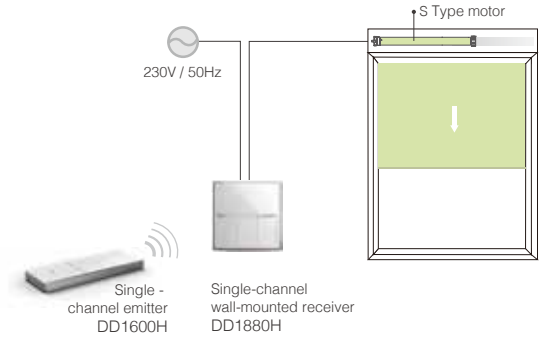


- Max torque: 50 Nm
- Jog mode (tilt mode for venetian)
- Max. paired emitters: 10 channels
- Compatible with European wall-box
- Radio frequency: 433.92MHz
- Working temperature: -10°C ~+50°C
- Dimension: 80 × 80 (mm)

Single-channel Wall-mounted
Timer Receiver
DD1692H

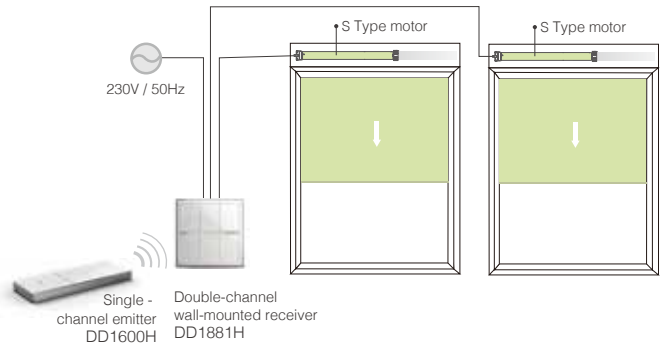


- One motor per receiver
- Max torque: 50 Nm
- Max. paired emitters: 10 emitters
- Timer Modes: Manual, Auto and Random
- Jog mode (tilt mode for venetian)
- Radio frequency: 433.92MHz
- Compatible with European wall-box
- Working temperature: -10°C ~+50°C
- Dimension: 80 × 80 (mm)



- Max torque: 50 Nm
- With light - touch switch function
- Jog mode (tilt mode for venetian)
- Max. paired emitters: 10 channels
- Compatible with European wall-box
- Working temperature: -10°C ~+50°C
- Dimension: 86 × 86 (mm)

Single - channel
Wall-mounted Receiver
DD1880H



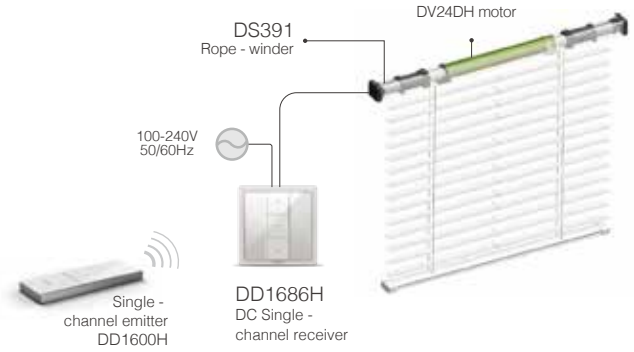
- Max torque: 50 Nm
- With light-touch switch function
- Jog mode (tilt mode for venetian)
- Max. paired emitters: 10 channels
- Compatible with European wall-box
- Working temperature: -10°C ~+50°C
- Dimension: 86 × 86 (mm)

Double - channel
Wall-mounted Receiver
DD1881H

Receiver

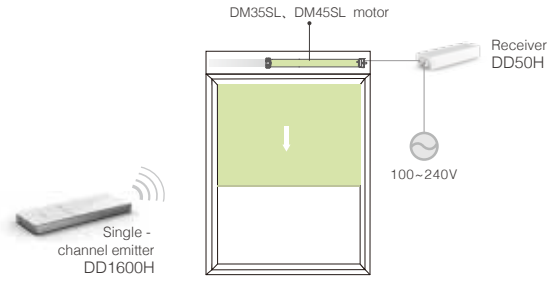
WALL-MOUNTED SERIES & OTHERS

DC Single-channel
Receiver
DD1686H



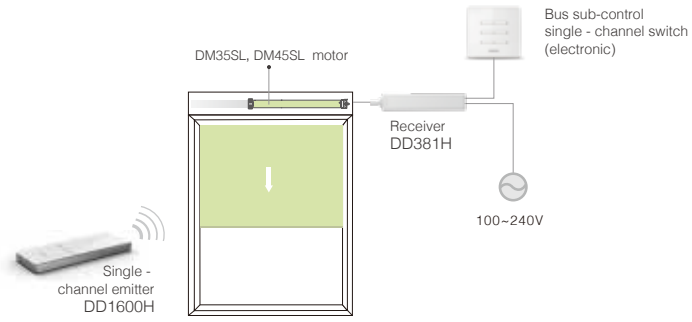
- Max 1.5Nm DC motor
- Jog mode
- Stall protection, radio control
- Radio frequency: 433.92MHz
- Maximum output power: 30W
- Input voltage: 100~240V
- Output voltage: 24V
- Dimension: 86 × 86 (mm)

Receiver
DD50H



- One receiver per motor
- Max torque: 120 Nm
- Input / Output Voltage: 100~240V
- Max. paired emitters: 10 channels
- Power Output: 500W
- Radio frequency: 433.92MHz
- Working Temperature: －10°C ~＋55°C
- Dimension: 100 x 27x 40.5 (mm)

Receiver
DD381H



- One receiver per motor
- Jog mode (tilt mode for venetian)
- Dry contact input
- Max torque: 120 Nm
- Max. paired emitters: 10 channels
- Input / Output voltage: 100~240V
- Power output: 500W
- Radio frequency: 433.92MHz
- Working temperature: －10°C ~＋55°C
- Dimension: 100 x 27 x 40.5 (mm)

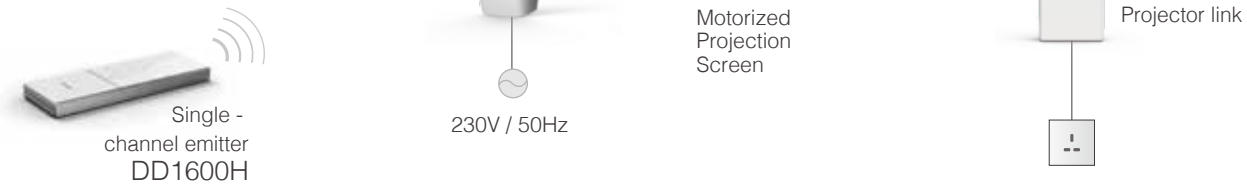
Receiver

- Maximum projector power:1000W
- Projector power auto-detection
- Radio Frequency: 433.92MHz
- Rated voltage: 230V/50Hz
- Working temperature：-10°C ~ 50°C

Projector Link
DD1526H

- Photo-cell input
- One receiver per motor
- Max. paired emitters: 10 channels
- Additional IR receiver
- Radio Frequency：433.92MHz
- Rated voltage: 230V/50Hz
- Working temperature：-10°C ~ 50°C

Wall-mount Receiver
DD1620H



Switch Module

DD117 Series

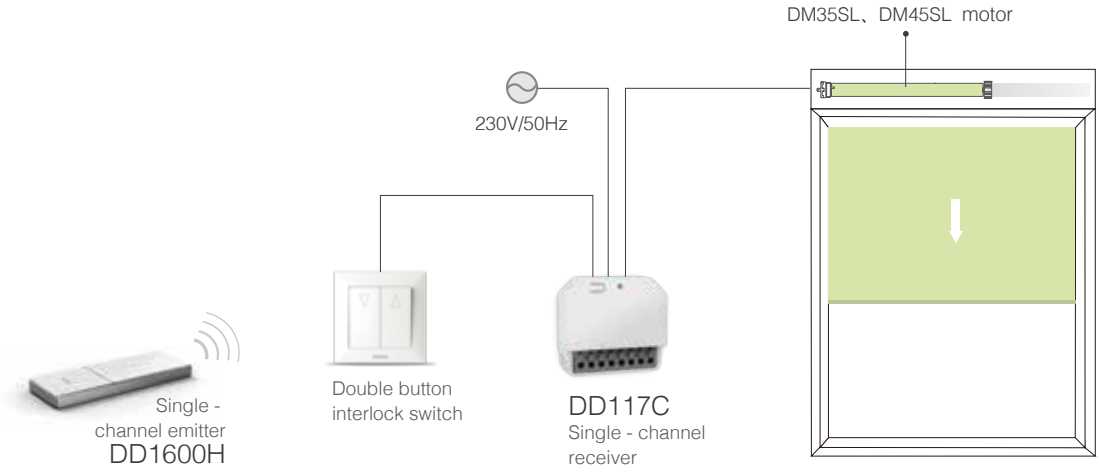
- Max. paired emitters: 10 channels
- Radio frequency: 433.92MHz
- Working Temperature: -10°C ~+50°C
- Dimension: 48 x 45 x 23 (mm)

Switch Module
DD117

- One receiver per lamp
- For standard or interlock wall switch
- Output Power: 120W

Single - channel
Wireless Receiver
DD117C

- One receiver per motor
- Max torque: 50 Nm
- Sensitive stall detection (by current)
- Percentage control
- Output power: 300W



European Installation Method 80 x 80 (mm)

Light Sensor

Light Sensor
DD1183H

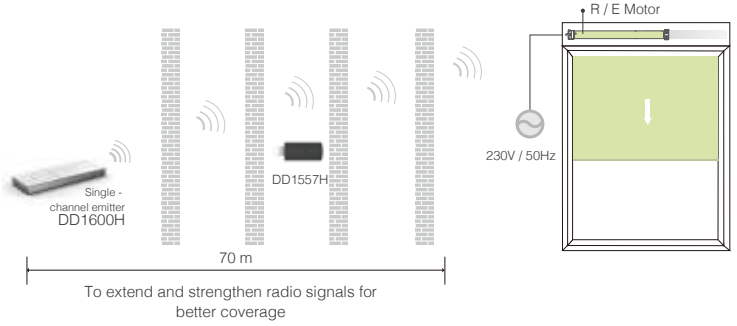
- 3 modes
- 4 light intensity levels
- Ambient light detection
- Power Supply: 1.5V(AAA×1)
- Radio Frequency: 433.925MHz
- Weight: 30g (No battery)

- Radio Frequency: 433.925MHz
- Quiescent current: <30uA
- Working current: <100mA
- Radio range: indoor > 30 meters
- Working temperature: -10°C ~ +60°C
- Dimension: Height 17mm, ϕ60mm

Repeater

Repeater
DD1557H

- Input voltage: USB DC5V
- Radio Frequency: 433.925MHz
- Working current: ≤20mA
- Working temperature: -5°C ~ 50°C



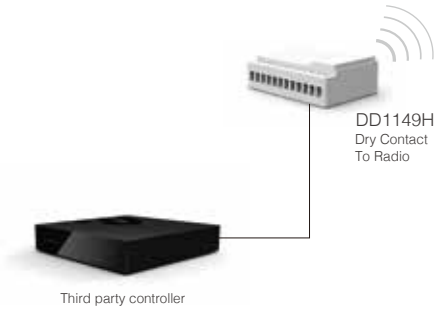
To extend and strengthen radio signals for better coverage

Converter

Dry Contact To Radio

Dry Contact To Radio
DD1149H

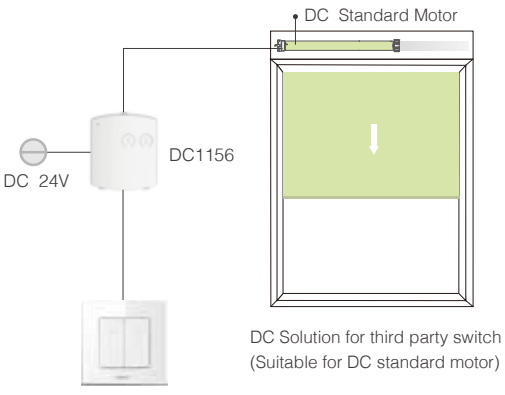
- Radio Range: 200 meters outdoor, 35 meters indoor
- Power supply: 12V/ 24V
- Transmitting Frequency: 433.92MHz ± 100KHz
- Working temperature: -10℃ ~＋50℃



Switch Controller

Switch Converter
DC1156

- Dry contact input & DC power output
- Compatible with mechanic switch
- Jog & tilt
- Rated power: 30W
- Rated voltage: 24V

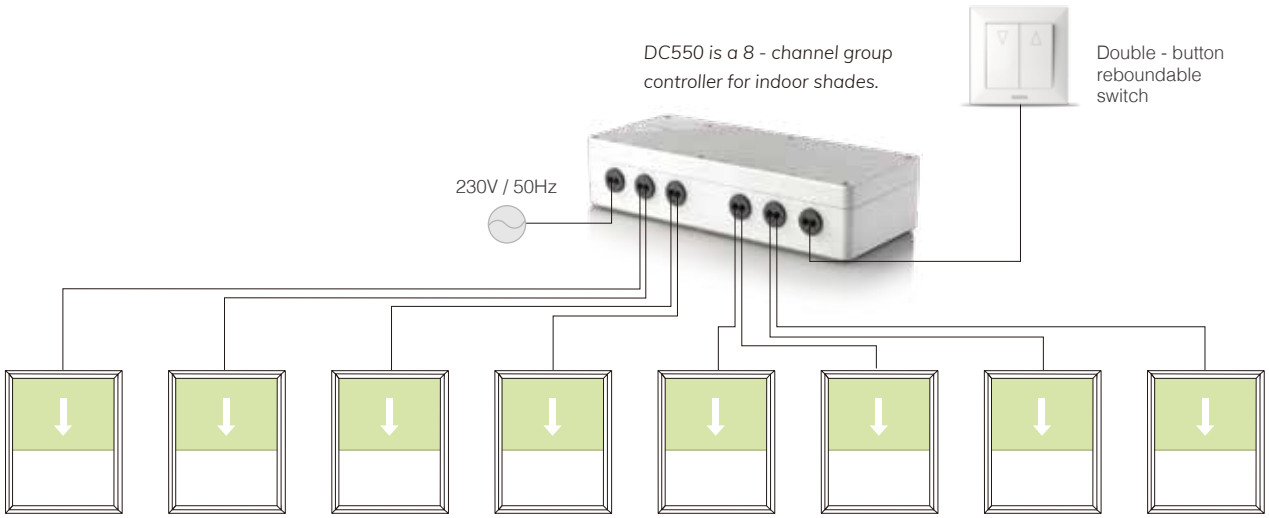


DC Solution for third party switch
(Suitable for DC standard motor)

Group Controller

8 - channel group controller
DC550

- Support simultaneous control of 8 AC Standard Motors.
- Working temperature: -20°C ~ + 55°C
- Dimension: 260 x 111 x 57 (mm)



Optional Controller

4-channel
Group Controller
DC80

- Max 60N.m×4 units tubular motors

2-channel
Group Controller
DC173

- Specialized outdoor water-proof group controller
- Max 60N.m×2 units tubular motors

4-channel
Group Controller
DC134

- Specialized outdoor water-proof group controller
- Max 60N.m×2 units tubular motors

4-channel
Group Controller
DC509

- Max 60N.m×2 units tubular motors

4-channel
Group Controller
DC516

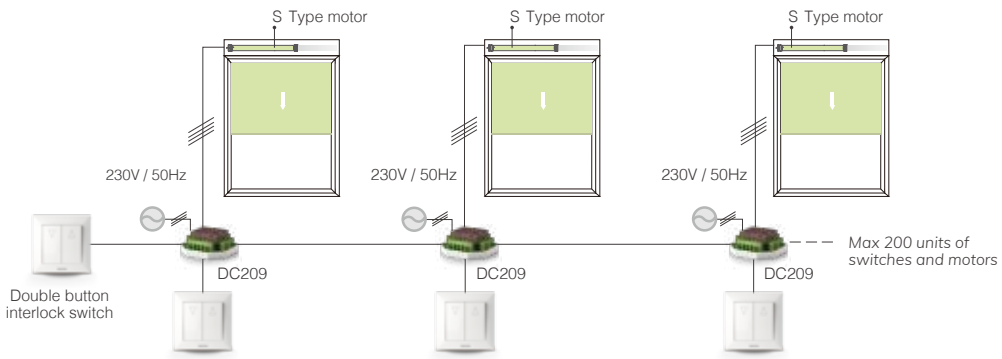
- Max 60N.m×3 units tubular motors

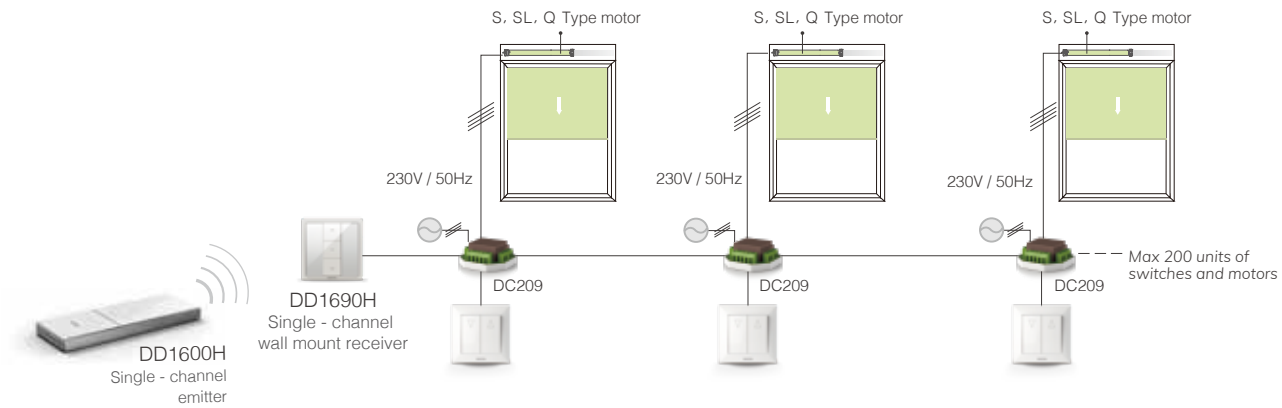
3-channel
Group Controller
DC517

- Max 60N.m×4 units tubular motors

Group Controller
DC209

- Bus control & sub-bus control
- Working temperature: -20°C ~+55°C
- Dimension: 52 x 52 x 22 (mm)





Motor Accessories

123 Pluggable Cable
125 Crown & Adaptor
129 Adaptor
131 Tube Idler
132 Wall Mount Bracket
133 Venetian Blinds Accessories
135 Tube Fitting Quick Guide

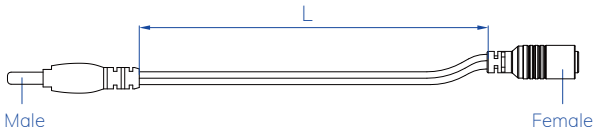
08

PLUGGABLE CABLE

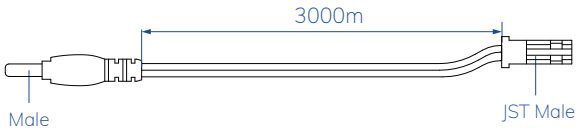
35135 Series

DC750-01-11 L=500mm
DC750-01-23 L=5000mm
DC750-01-52 L=3000mm

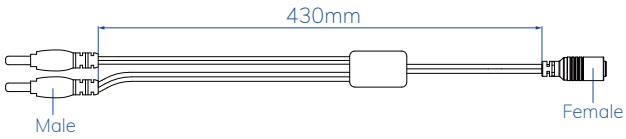
DC750-01-13
L=100mm, 155mm,
1220mm, 2440mm



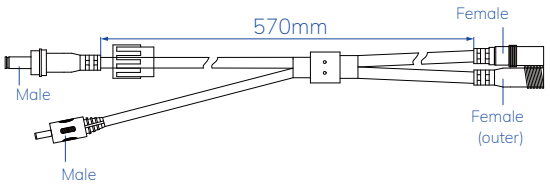
DC750-01-34



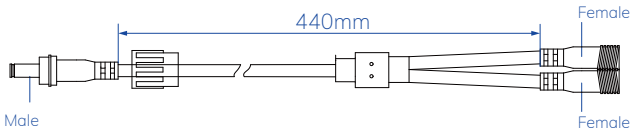
DC750-01-69



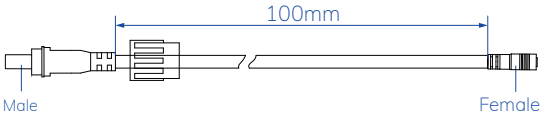
DC750-01-145



DC750-01-173

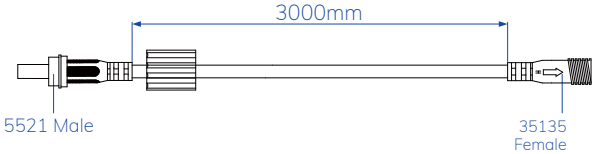


DC750-01-191

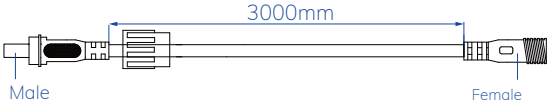


5521 Series

DC750-01-169



DC750-01-200

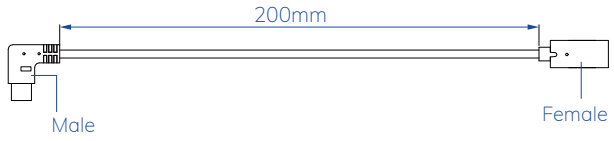


Remarks: For more options, please contact our sales consultant

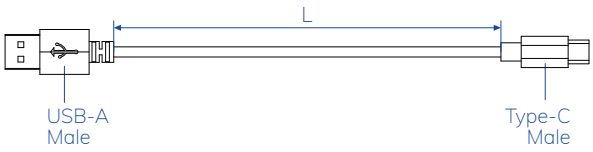
PLUGGABLE CABLE

Type-C Series

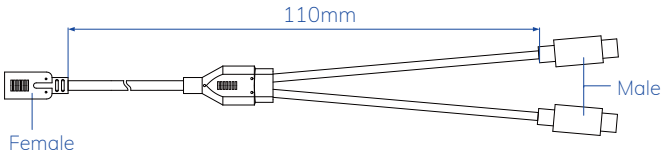
DC750-01-157



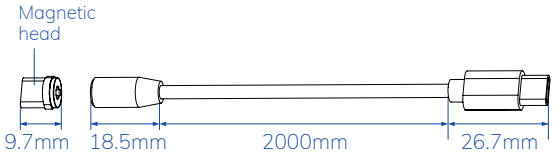
DC750-01-158 L=3000mm
DC750-01-176 L=1000mm



DC750-01-211

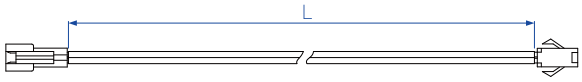


DC750-01-214



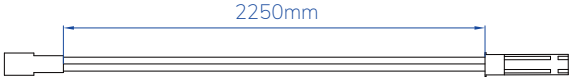
SMR & JST

SMR **DC750-01-19**
L=155mm, 1220mm, 2000mm, 2440mm

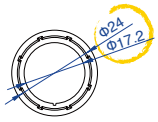


JST **DC1108-01-04**
L=155mm, 1220mm, 2000mm

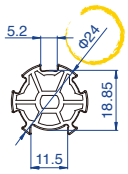
JST **DC1562-01-01**



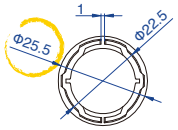
Φ15



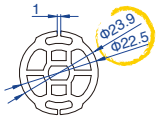
Crown **DH352**
Rubber



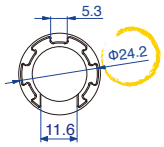
Drive Adaptor **DL575**
Plastic



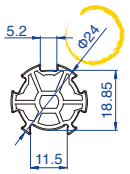
Crown **DH443**
Plastic



Drive Adaptor **DL511**
Plastic

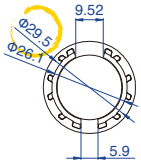


Crown **DH511**
Plastic



Drive Adaptor **DL575**
Plastic

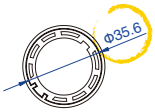
Φ20



Crown **DH468**
Plastic

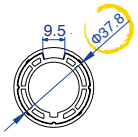
Drive Adaptor **DL544**
Plastic

Φ25

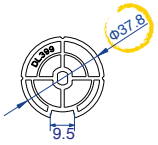


Crown **DH241**
Plastic

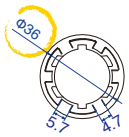
Drive Adaptor **DL265**
Plastic



Crown **DH345**
Plastic

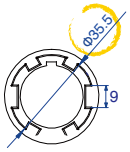


Drive Adaptor **DL399**
Plastic

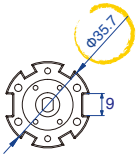


Crown **DH447**
Plastic

Drive Adaptor **DL516**
Plastic



Crown **DH351**
Plastic

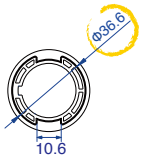


Drive Adaptor **DL408**
Plastic

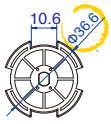
Crown **DH319**
Plastic

Max 0.7Nm

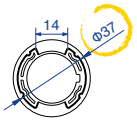
Drive Adaptor **DL367**
Plastic



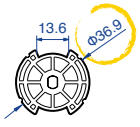
Crown **DH330**
Plastic



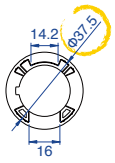
Drive Adaptor **DL379**
Plastic



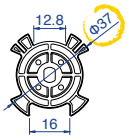
Crown **DH338**
Plastic



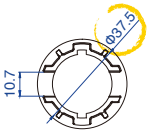
Drive Adaptor **DL386**
Plastic



Crown **DH371**
Plastic

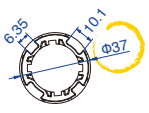


Drive Adaptor **DL441**
Plastic



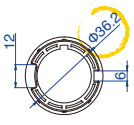
Crown **DH471**
Plastic

Drive Adaptor **DL547**
Plastic

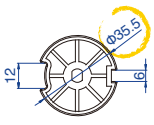


Crown **DH444**
Plastic

Drive Adaptor **DL513**
Plastic



Crown **DH472**
Plastic

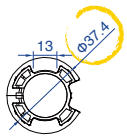


Drive Adaptor **DL549**
Plastic

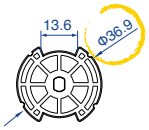
CROWN & ADAPTOR

Φ28

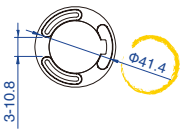
Remarks: For more options, please contact our sales consultant



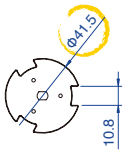
Crown **DH386**
Plastic



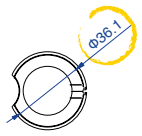
Drive Adaptor **DL386**
Plastic



Crown **DH422**
Plastic



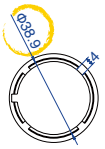
Drive Adaptor **DL489**
Plastic



Crown **DH430**
Plastic

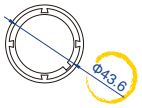
DM28+DH430
=DM35 Tubular
Motor in side

Φ35



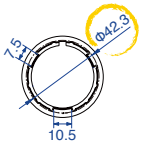
Crown **DH138**
Plastic

Drive Adaptor **DL153**
Plastic

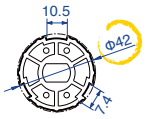


Crown **DH55**
Plastic

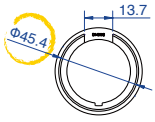
Drive Adaptor **DL65**
Rubber



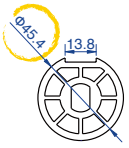
Crown **DH316**
Plastic



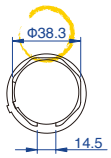
Drive Adaptor **DL362**
Plastic



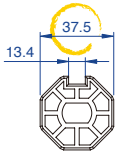
Crown **DH302**
Plastic



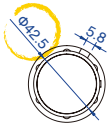
Drive Adaptor **DL345**
Plastic



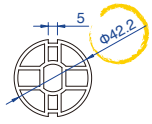
Crown **DH36**
Plastic



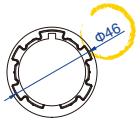
Drive Adaptor **DL44**
Plastic



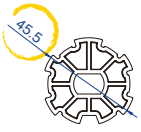
Crown **DH66**
Plastic



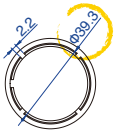
Drive Adaptor **DL76**
Plastic



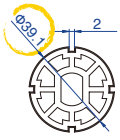
Crown **DH118**
Plastic



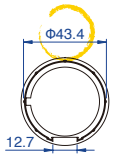
Drive Adaptor **DL133**
Plastic



Crown **DH126**
Plastic

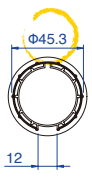


Drive Adaptor **DL144**
Plastic



Crown **DH161**
Plastic

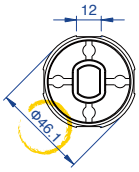
Drive Adaptor **DL176**
Plastic



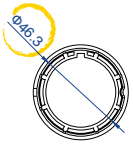
Crown **DH16**
Plastic

Drive Adaptor **DL20**
Plastic

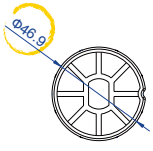
Crown **DH31**
Plastic



Drive Adaptor **DL35**
Plastic



Crown **DH47**
Plastic

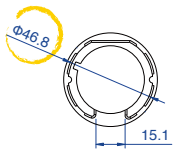


Drive Adaptor **DL56**
Plastic

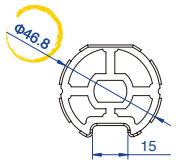
CROWN & ADAPTOR

Remarks: For more options, please contact our sales consultant

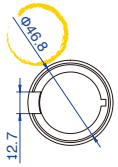
Φ35



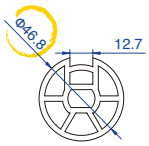
Crown **DH83**
Plastic



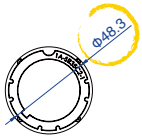
Drive Adaptor **DL96**
Plastic



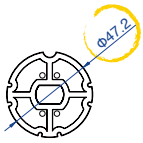
Crown **DH146**
Plastic



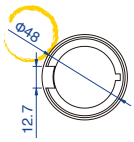
Drive Adaptor **DL164**
Plastic



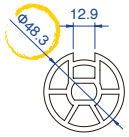
Crown **DH354**
Plastic



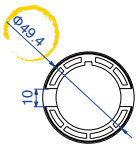
Drive Adaptor **DL416**
Plastic



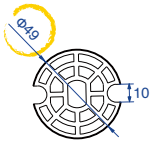
Crown **DH71**
Plastic



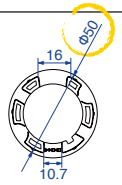
Drive Adaptor **DL82**
Plastic



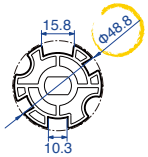
Crown **DH48**
Plastic



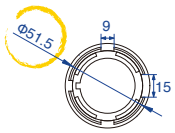
Drive Adaptor **DL58**
Plastic



Crown **DH344**
Plastic

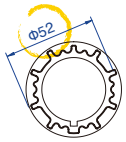


Drive Adaptor **DL397**
Plastic

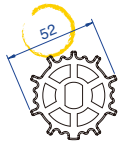


Crown **DH178**
Plastic

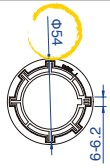
Drive Adaptor **DL02**
Plastic



Crown **DH162**
Plastic

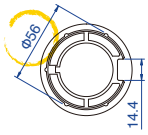


Drive Adaptor **DL177**
Plastic

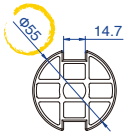


Crown **DH252**
Plastic

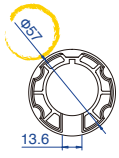
Drive Adaptor **DL278**
Plastic



Crown **DH92**
Plastic



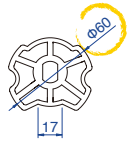
Drive Adaptor **DL107**
Plastic



Crown **DH33**
Plastic

Drive Adaptor **DL40**
Plastic

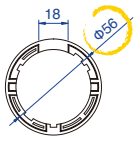
Crown **DH95**
Plastic



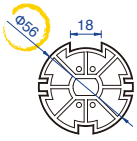
Drive Adaptor **DL41**
Plastic

CROWN & ADAPTOR

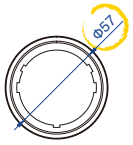
Φ45



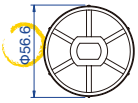
Crown **DH243**
Plastic



Drive Adaptor **DL267**
Plastic



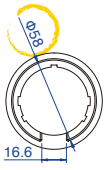
Crown **DH88**
Plastic



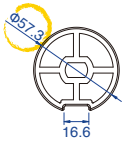
Drive Adaptor **DL101**
Plastic

Crown **DH230**
Plastic

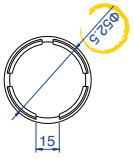
Drive Adaptor **DL253**
Plastic



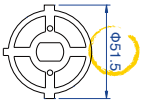
Crown **DH109**
Plastic



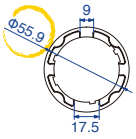
Drive Adaptor **DL123**
Plastic



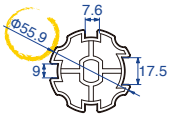
Crown **DH100**
Plastic



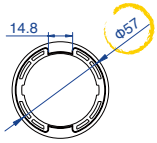
Drive Adaptor **DL02**
Plastic



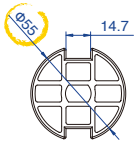
Crown **DH56**
Plastic



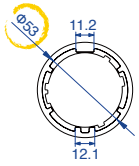
Drive Adaptor **DL71**
Plastic



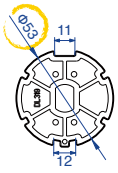
Crown **DH334**
Plastic



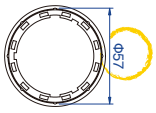
Drive Adaptor **DL107**
Plastic



Crown **DH285**
Plastic

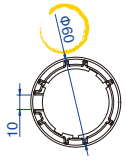


Drive Adaptor **DL319**
Plastic

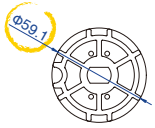


Crown **DH62**
Plastic

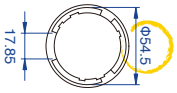
Drive Adaptor **DL170**
Plastic



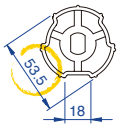
Crown **DH253**
Plastic



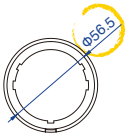
Drive Adaptor **DL279**
Plastic



Crown **DH17**
Plastic

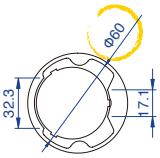


Drive Adaptor **DL21**
Plastic

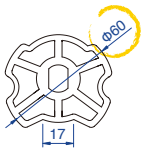


Crown **DH38**
Plastic

Drive Adaptor **DL46**
Plastic



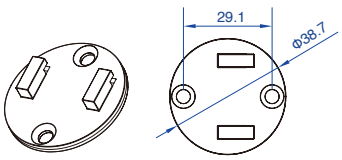
Crown **DH34**
Plastic



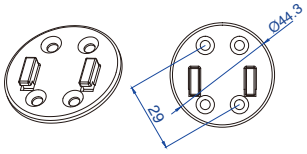
Drive Adaptor **DL41**
Plastic

ADAPTOR

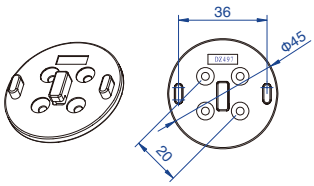
Motor Head Adaptor



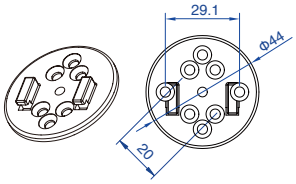
Motor Bracket **DZ410A**
Max 6Nm



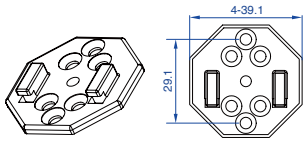
Motor Bracket **DZ410B**
Max 6Nm



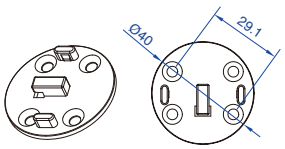
Motor Bracket **DZ497**
Max 1.5Nm



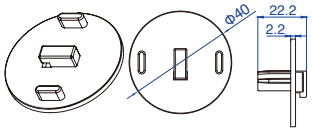
Motor Bracket **DZ521**
Max 1.5Nm



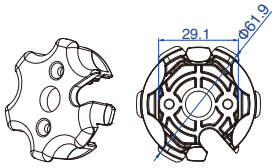
Motor Bracket **DZ521A**
Max 1.5Nm



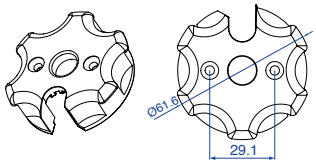
Motor Bracket **DZ611**
Max 1.5Nm



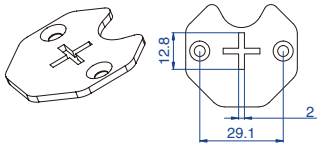
Motor Bracket **DZ619**
Max 2Nm



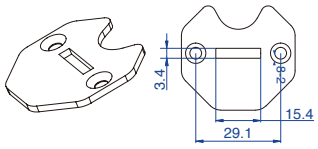
Motor Bracket **DZ409**
For 35-316 limit head, Max 13Nm



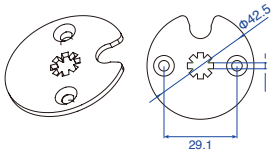
Motor Bracket **DZ409A**
For 35-316E limit head, Max 13Nm



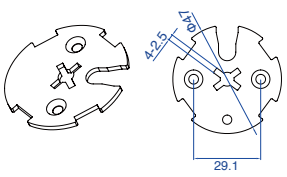
Motor Bracket **35-1-16-34C**
Max 3Nm



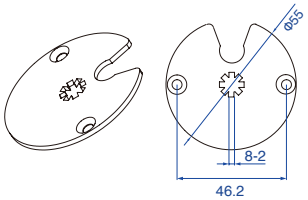
Motor Bracket **35-1-16-34Y**
Max 3Nm



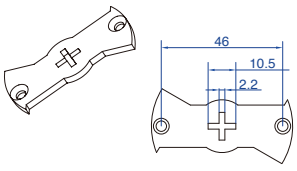
Motor Bracket **35-1-36-09E**
Max 3Nm



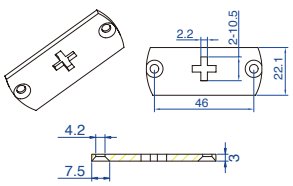
Motor Bracket **35-1-36-09F**
Max 3Nm



Motor Bracket **45-1-36-22C**
Max 6Nm



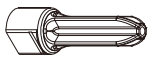
Motor Bracket **45-1-43-30L**
Max 6Nm



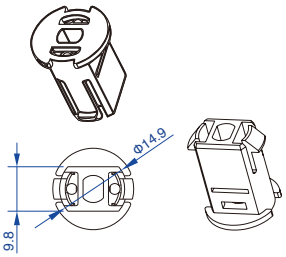
Motor Bracket **45-1-43B-30F**
Max 6Nm

ADAPTOR

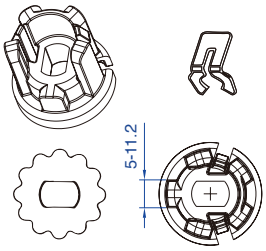
Drive Shaft Adaptor



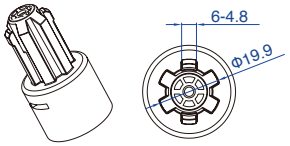
Adaptor **DS684**



Adaptor **DS645H**

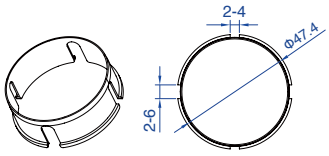


Adaptor **DS485**

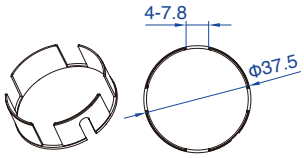


Adaptor **DS27H**

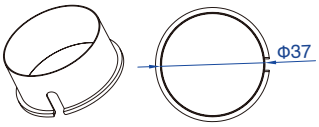
Special Crown Adaptor



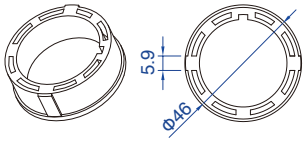
Crown Adaptor **DH434**
(for Φ50 tube, 1.25 inch)



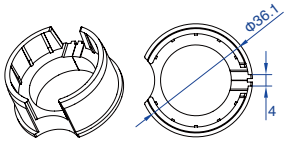
Crown Adaptor **DH423**
(for Φ40 tube, 1.25 inch)



Crown Adaptor **DH448**
(for Φ40 tube, 1.25 inch)



Crown Adaptor **DH20**
(Adaptor from DM35 to DM45)

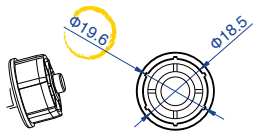


Crown Adaptor **DH430**
(Adaptor from DM28 to DM35)

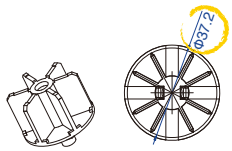
Remarks: For more options, please contact our sales consultant

TUBE IDLER

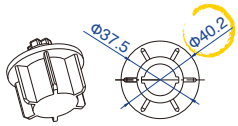
Remarks: For more options, please contact our sales consultant



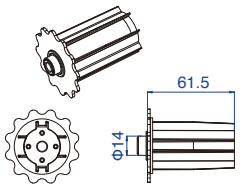
Idler **DW77**



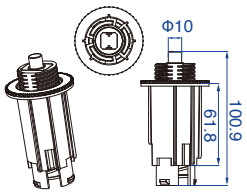
Idler **DW119A**



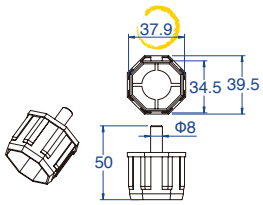
Idler **DW120**



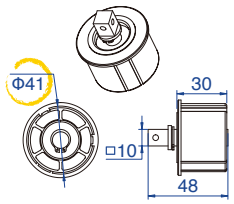
Idler **DW110**



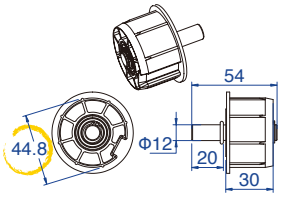
Idler **DW114**



Idler **DW13**



Idler **DW21**



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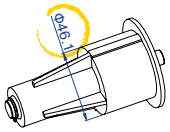

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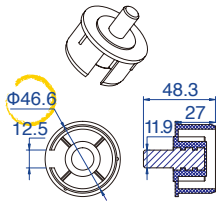

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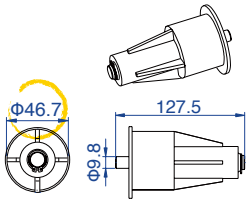

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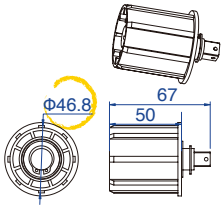

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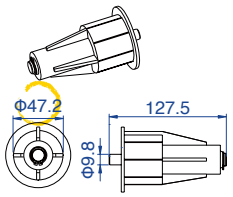

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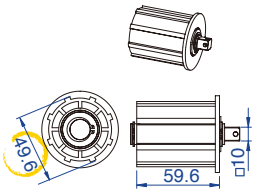

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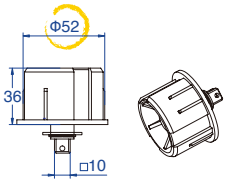

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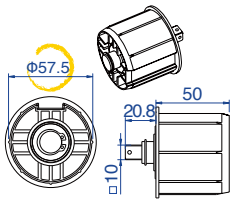

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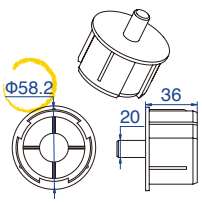

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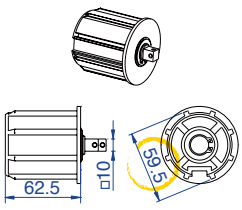

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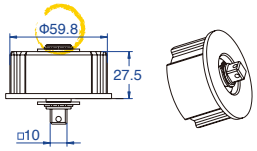

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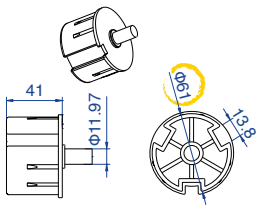
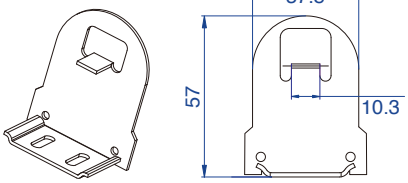


Idler **DW07**

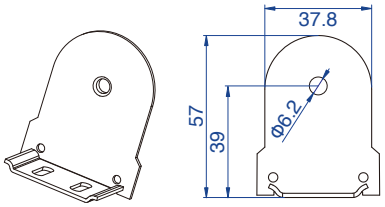
WALL MOUNT BRACKET

Remarks: For more options, please contact our sales consultant

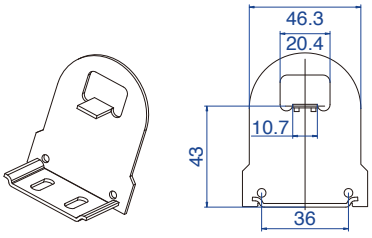
Motor Bracket
DZ591A



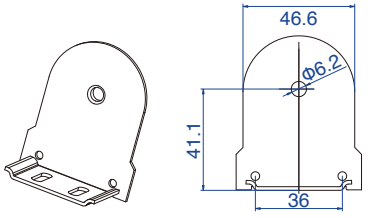
Idler Bracket
DZ591



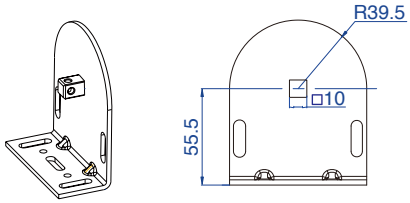
Idler Bracket
DZ591C



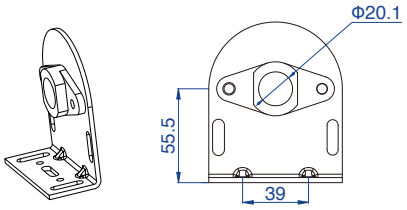
Idler Bracket
DZ591B



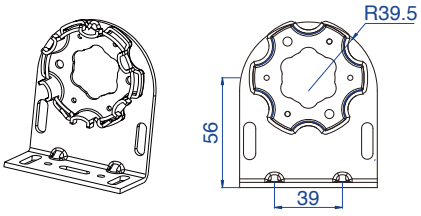
Motor Bracket
DZ382B



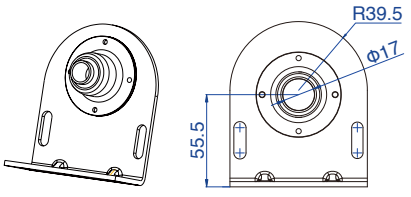
Idler Bracket
DZ382C



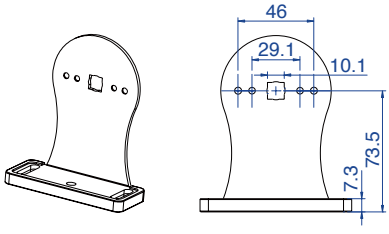
Motor Bracket
DZ382H



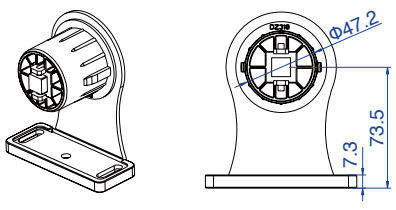
Idler Bracket
DZ382G



Motor Bracket
DZ319B

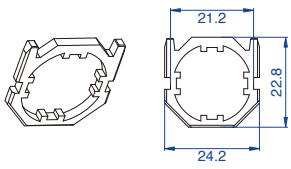


Idler Bracket
DZ318B

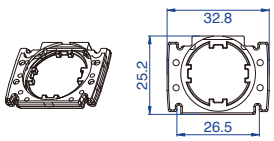


VENETIAN BLINDS MOTOR ACCESSORIES

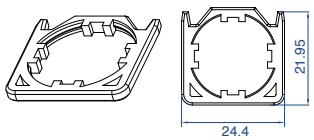
For DV24 Series



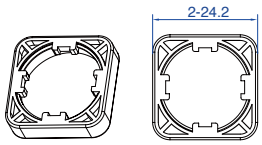
Motor Bracket **DS440**



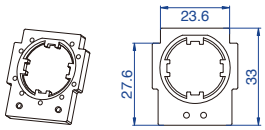
Motor Bracket **DS440A**



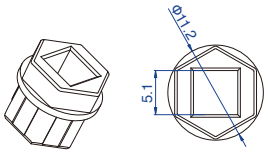
Motor Bracket **DS440AB**



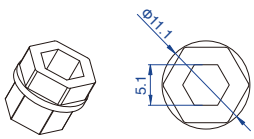
Motor Bracket **DS440AD**



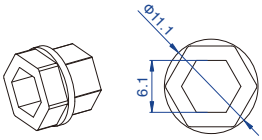
Motor Buffer Bracket **DS440B**



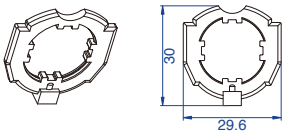
Motor Adaptor **DS440C**



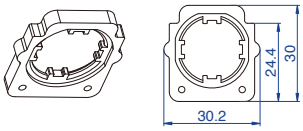
Motor Adaptor **DS440D**



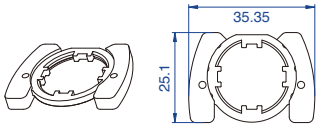
Motor Adaptor **DS440E**



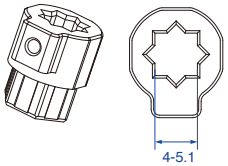
Motor Buffer Bracket **DS440F**



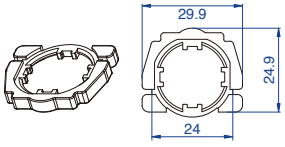
Motor Buffer Bracket **DS440G**



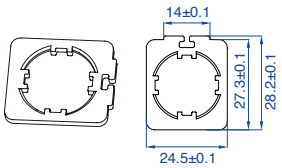
Motor Buffer Bracket **DS440I**



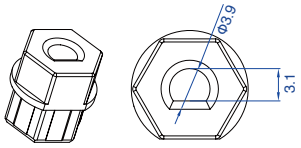
Motor Adaptor **DS440J**



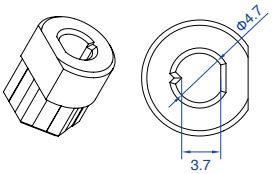
Motor Buffer Bracket **DS440P**



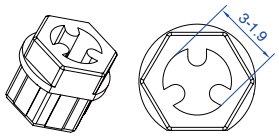
Motor Bracket **DS440T**



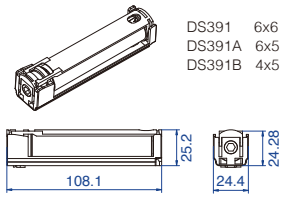
Adaptor **424-3-01-19C**



Adaptor **424-3-01-19F**



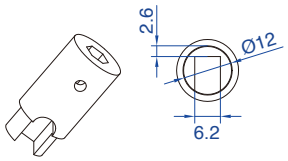
Adaptor **424-3-01-19J**



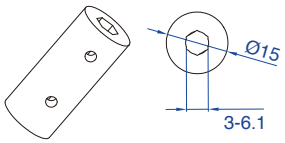
Rope Winder **DS391**

VENETIAN BLINDS MOTOR ACCESSORIES

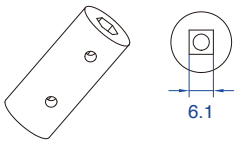
For DV45 Series



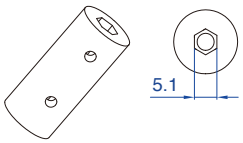
Adaptor **440-1-01-44**



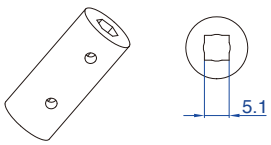
Adaptor **440-1-01-44A**



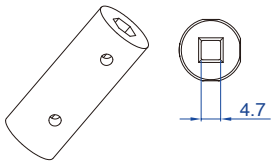
Adaptor **440-1-01-44B**



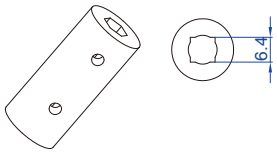
Adaptor **440-1-01-44C**



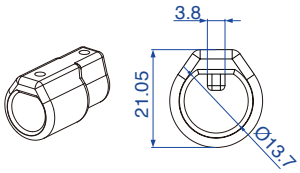
Adaptor **440-1-01-44D**



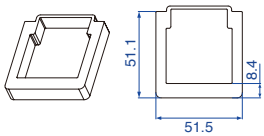
Adaptor **440-1-01-44E**



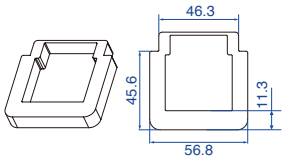
Adaptor **440-1-01-44F**



Adaptor **440-1-01-44G**



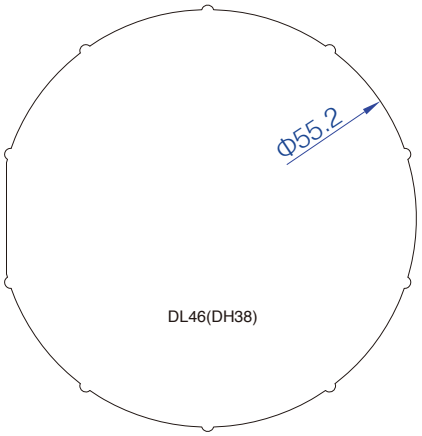
Motor Bracket **W445-1-01-05**

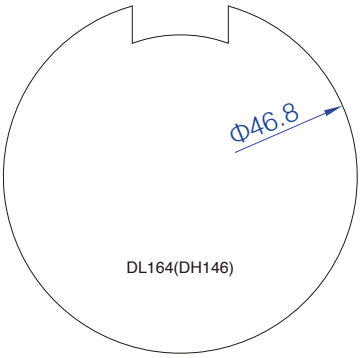


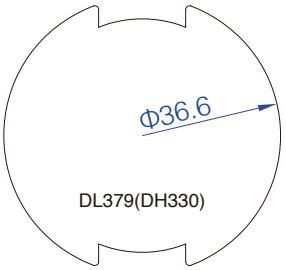
Motor Bracket **W445-1-01-05A**

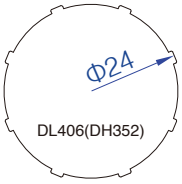
Remarks: For more options, please contact our sales consultant

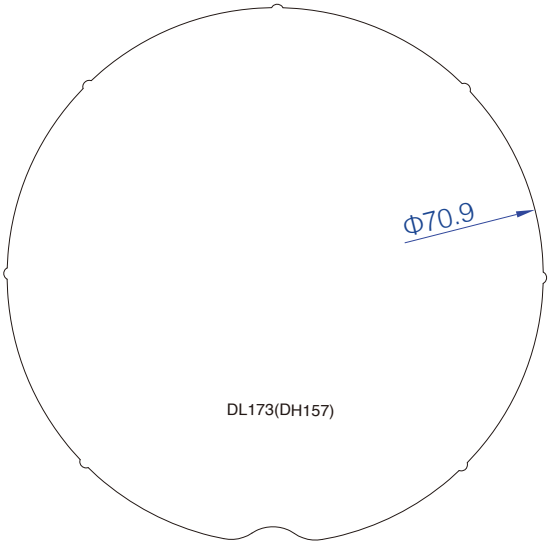
TUBE FITTING QUICK GUIDE

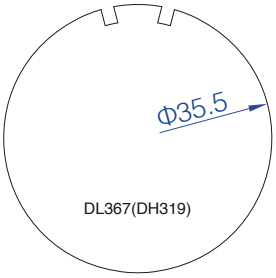


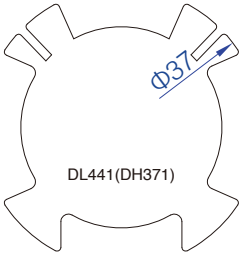


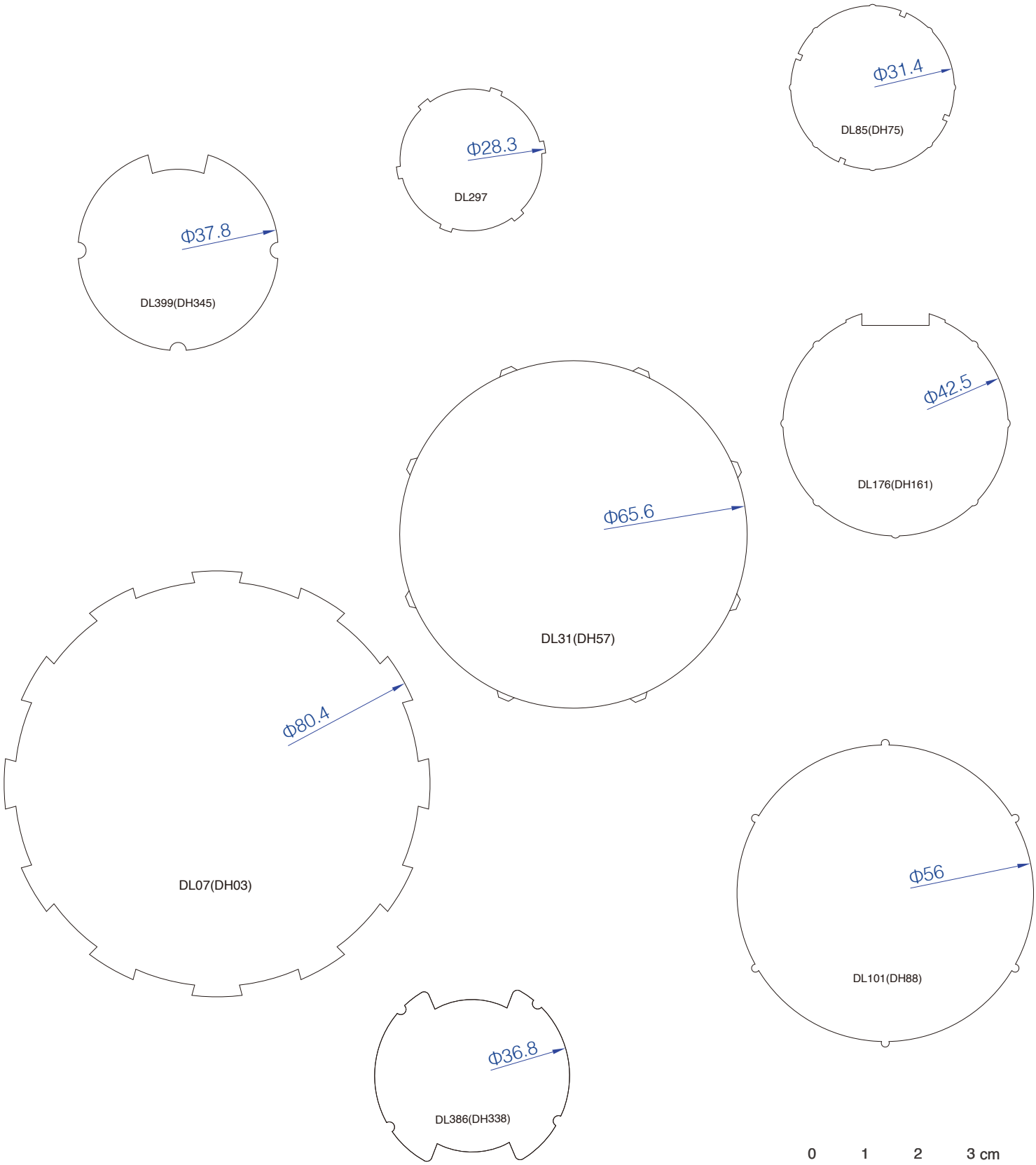











Φ31.4
DL85(DH75)
Φ28.3
DL297
Φ37.8
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Φ42.5
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DL31(DH57)
Φ80.4
DL07(DH03)
Φ56
DL101(DH88)
Φ36.8
DL386(DH338)
0 1 2 3 cm
1 : 1

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