



www.a-okmotor.com

A-OK[®]

A-OK[®]
AI Motors Specialist

2026

MOTORIZATION SOLUTIONS

INTERIOR WINDOW COVERING SOLUTIONS

INTERIOR WINDOW COVERING SOLUTIONS

AI MOTOR SPECIALIST

A-OK Poland Branch and Baltic Countries Sales Office
Phone: +48 601 335 657
E-mail: biuro@a-okmotors.pl
Baltic Countries Sales Office: rhorkowski@a-okmotors.pl
Website: www.a-okmotors.pl
Address: Emilii Plater 36, 00-113 Warsaw, Poland

SINCE 1998

INDEX

PRODUCT CATEGORY/DESCRIPTION

COMPANY PROFILE

About A-OK	03-06
Marketing network	07-8
Enterprise qualification	9
Product certification	10
Trade fair	11
Project case	12

A-OK SMART

Smart solutions	13-22
-----------------	-------

ROLLER SHADES TUBULAR MOTOR

AM43 Beaded Chain Motor	31-32
AM15 Built-in Li-ion Battery Electronic Limit Radio Tubular Motor	33
AM22 Built-in Li-ion Battery Electronic Limit Radio Tubular Motor	34
AM25 Built-in Li-ion Battery Electronic Limit Radio Tubular Motor	35
AM25 Wand Controlled Built-in Li-ion Battery Electronic Limit Tubular Motor	36
AM28 Coreless Built-in Li-ion Battery Electronic Limit Radio Silent Tubular Motor	37-38
AM28 Built-in Li-ion Battery Electronic Limit Radio Tubular Motor	39
AM28 Wand Controlled Built-in Li-ion Battery Electronic Limit Radio Tubular Motor	40
AM35 Built-in Li-ion Battery Electronic Limit Radio Tubular Motor	41
AM45 Built-in Li-ion Battery Electronic Limit Radio Super Silent Tubular Motor	42
AM25 AC Input Electronic Limit Radio DC Tubular Motor	45
AM28 AC Input Electronic Limit Radio DC Tubular Motor	46
AM35 AC Input Electronic Limit Radio DC Tubular Motor	47
AM35 AC Input Electronic Limit Radio Tubular Motor	48
AM35 AC Input Mechanical Limit Tubular Motor	49
AM35 AC Input Mechanical Limit Radio Tubular Motor	50
AM35 AC Input Zero Gap Electronic Limit Radio Tubular Motor	51-52
AM35 AC Input Perfect Alignment Electronic Limit Radio Tubular Motor	53-54
AM45 AC Input Ultra Quite Mechanical Limit Tubular Motor	55
AM45 AC Input Ultra Quite Mechanical Limit Radio Tubular Motor	56
AM45 AC Input Ultra Quite Electronic Limit Radio Tubular Motor	57
AM45 AC Input High Speed Tubular Motor	58
AM25 DC Input Mechanical Limit Short Tubular Motor	61
AM25 DC Input Electronic Limit Radio Tubular Motor	62
AM35 DC Input Mechanical Limit Tubular Motor	63
AM35 DC Input Electronic Limit Radio Battery Tubular Motor	64

CURTAIN MOTORS AND RAIL SYSTEM

Motorized Curtian System	67-72
DC Series Curtain Motor	73-76
AC Series Curtain Motor	77-80
Maglev Curtain Motor	81-82
Skylight Curtain Motor	83-84
Vertical Curtain Motor	85-86

VENETIAN BLINDS MOTOR

Motorized Cellular & Pleated Shades	89-94
Motorized Top Down Bottom Up Cellular Shades	95-98
Motorized Skylight Cellular Shades	99-100
Motorized Blinds Between Glass	101-104
Motorized Venetian Blinds	105-114
Motorized Plantation Shutter	115-116

RADIO EMITTERS

Hand-held Emitters	119-132
Wall-mounted Emitters	133-136

RADIO RECEIVERS

Timer Receiver	139
Wall Mounted Radio Receiver	140
Radio Receiver	141-142
Group Controller	143-144

SOLAR PRODUCTS

AC605 Solar Panel	147-148
AC701 Battery Pack	149
AC704/AC705 Battery Pack	150
AC711 Solar Panel	150
AC131 Light sensor	151-152

SMART-HOME CONTROL

AC520 Wi-Fi RF Gateway	155
AC520 Wi-Fi RF USB Gateway	155
AC526 ZigBee Gateway	156
AC527 Matter Gateway	156

SWITCHES

Mechanical Switch	159-160
Low Voltage Switch	161-162

ACCESSORIES

Crown / Adaptor / Idler / Bracket	163-174
-----------------------------------	---------

**A leading motor manufacture for
window coverings/doors industry**

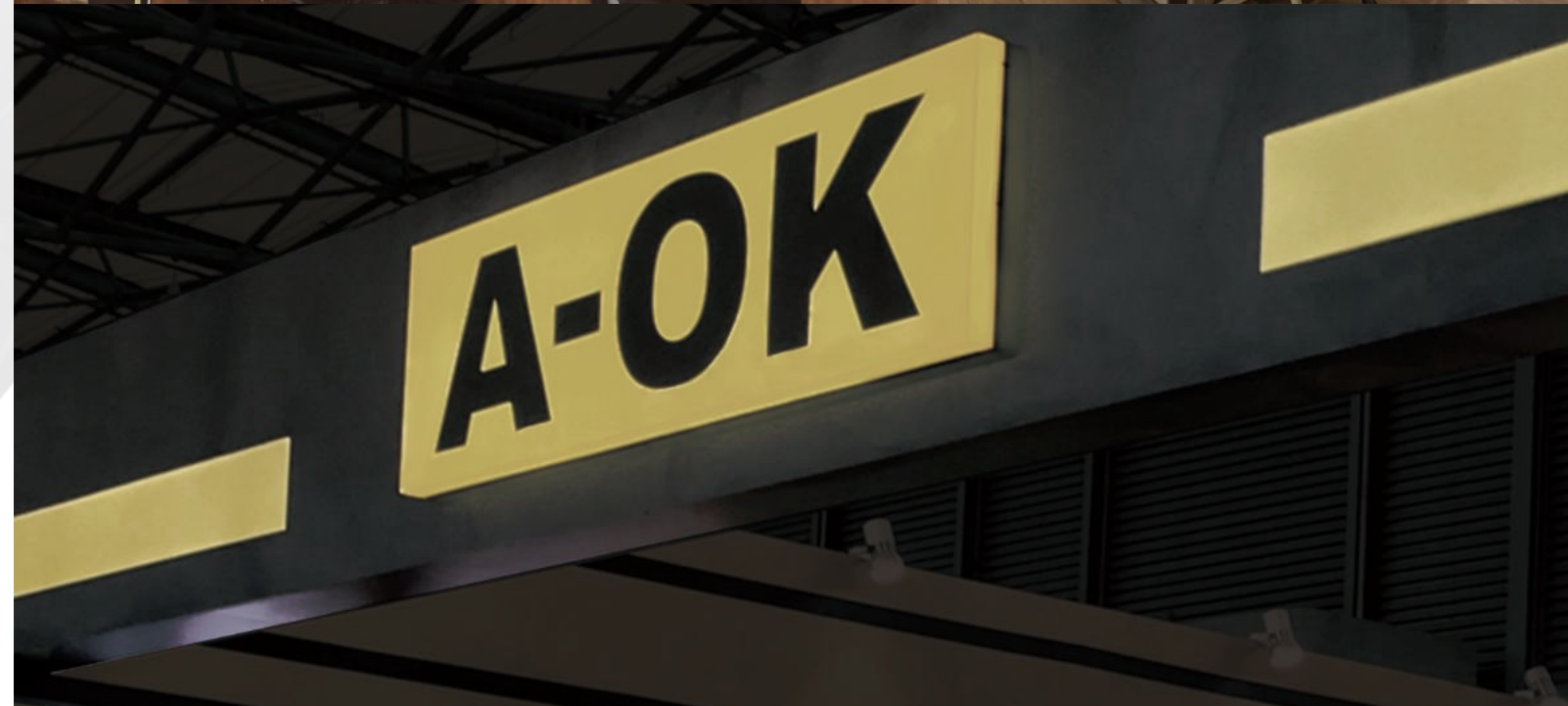
Various products/solutions meet
any application

**Technology innovation is the motive
force that we advance**

Follow market trend with edge tech
Offer high cost-effective products to our customers

**Continued ability to manufacture in house
release large production capability**

complete supply chain integration
provide strong manufacture feasibility to our customers



HUIZHOU MANUFACTURE PLANT

27
YEARS

180+
/ COUNTRIES
OF SALE

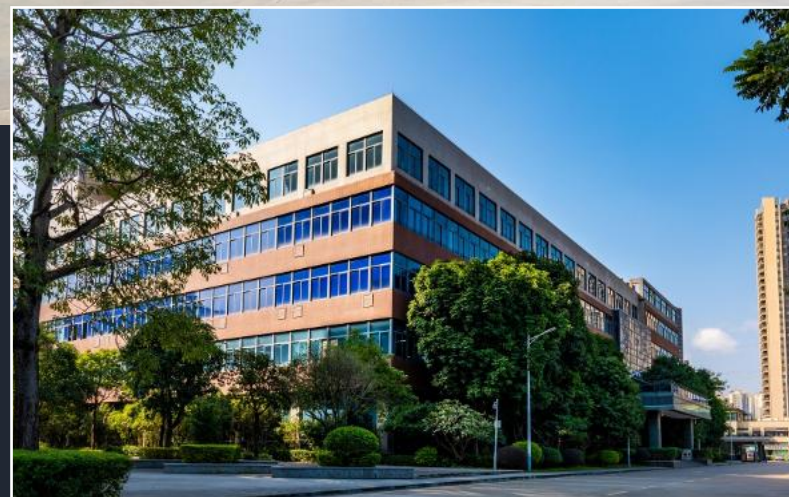
1000+
/ EMPLOYEES

\$1000+
/ Million
SALES REVENUE

300+
/ PATENTS

55000
/ m²
MANUFACTORY

175000
/ m²
A-OK Building



SHENZHEN HEADQUARTERS



QUALITY PRODUCTION

Create A-OK Elite Team, Build Industry First-class Brand

It's impossible to create brand overnight, but require elaborate design, crafted manufacturing, gradual improvement and perfection. Therefore, perfection seeking requires meticulousness, will and patience. Perfection seeking is to be responsible for the customers and markets. With the conception, A-OK carries specialized management principle, insists on brand development with excellent products and perfect services. With the high professional team and precise production equipments, we are seeking for offering user outstanding and qualified products on every single detail.

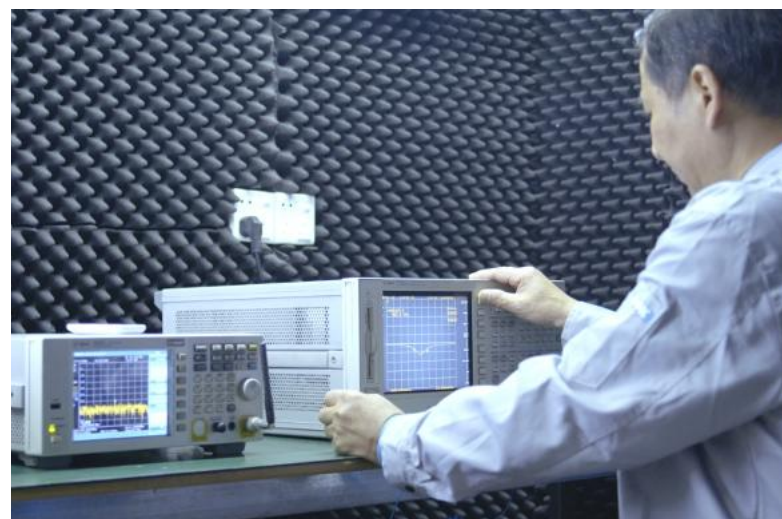
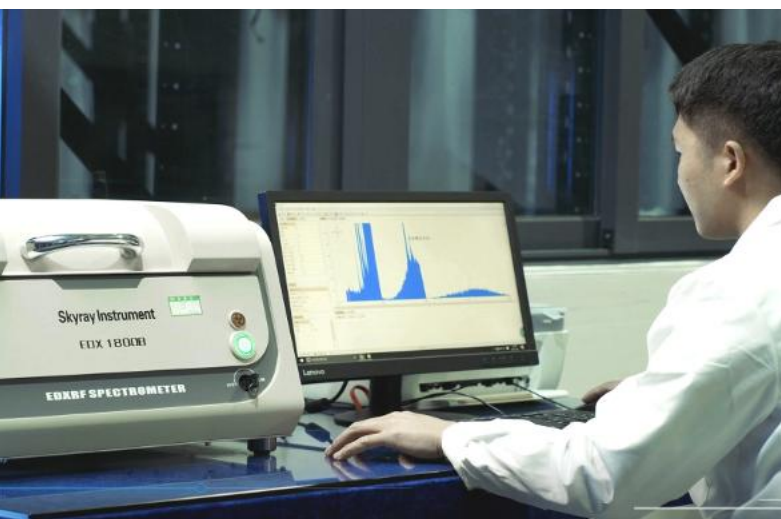




RELIABILITY LAB

Quality and Safety is at the heart of A-OK's product philosophy.

A good product is thoughtful in design yet reliable in usage. At the Reliability Lab, A-OK tests every aspects of its AI Automation and Controller products, To ensure product's reliability according to Government & Industrial Regulations.



300+
Distribution Presences

2000+
Partners/Customers

A-OK has a global distribution network with more than 30 overseas regional distributors. Together with the subsidiaries, A-OK France and A-OK global local distribution network will gradually be established to better serve the global market.





Product quality has been the core of the market competition since the establishment of A-OK.
The successful positioning and the strong product awareness of all A-OK staffs makes A-OK the leading supplier of motorized window coverings and doors control system solutions.

CERTIFICATIONS



China compulsory product certification system



ETL Certification (Canada & US)



c-TUV-us Certification



German Technical Supervision Association



NF Certification (France)



UL Certification



CB Certification



FCC Certification



EU mandatory safety certification



UL Certification (North America)



Industry Canada



TUV Certification



Korea KC Certification



RCM Certification Australia



UK UKCA certification



Saber Certification (Saudi Arabia)



Independent Communications Authority of South Africa



Global Environment Protection Certification



Quality and Safety are at the heart of A-OK's product philosophy.
To enhance production efficiency, ISO9001:2015 TUV and the Lean Production System are employed to ensure high-standard quality.
To meet the worldwide regulations on product safety.
A-OK had acquired safety-related certifications for electronic products across the globe.

EXHIBITION



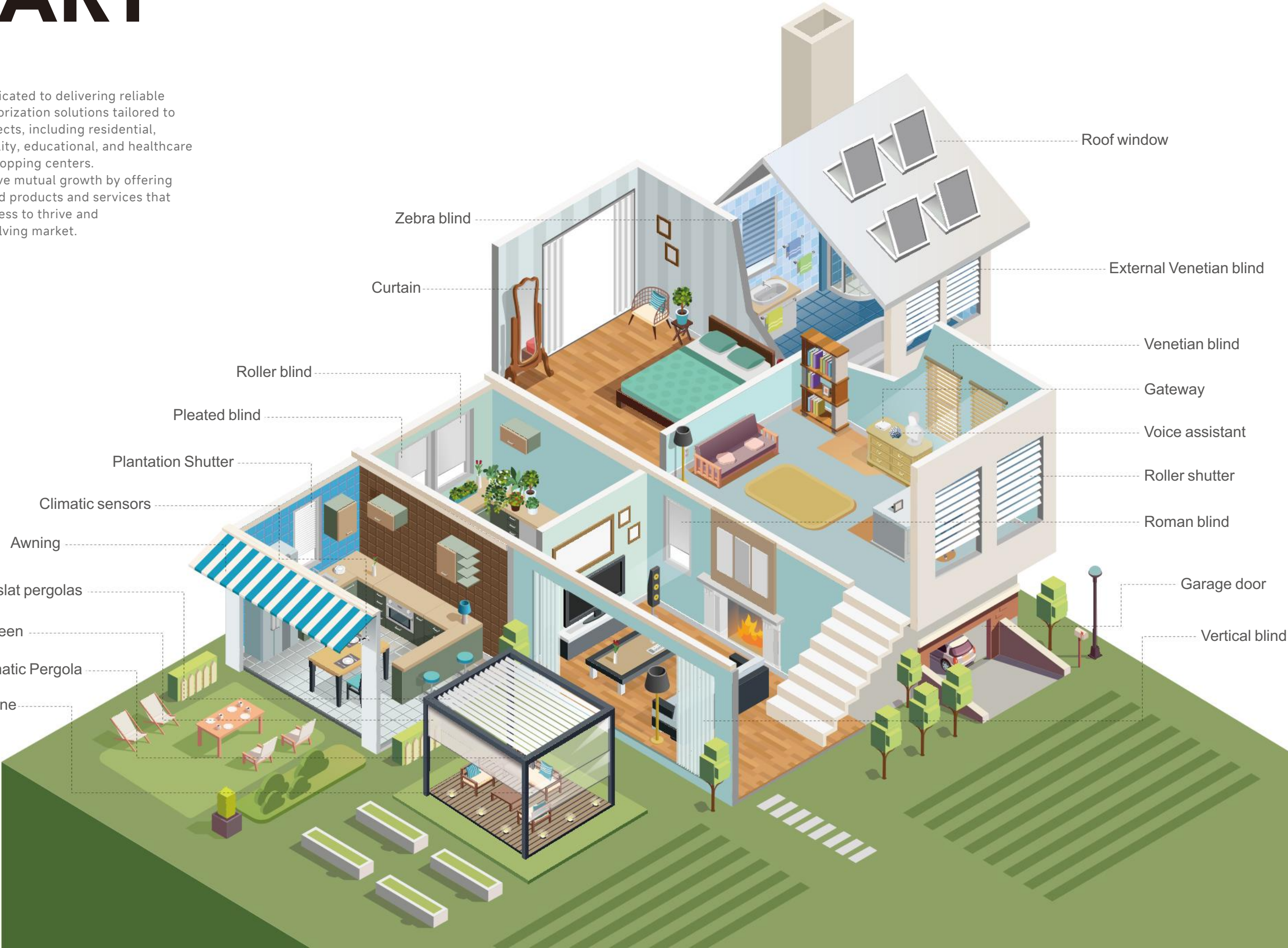
PROJECT CASE



A-OK SMART

MOTORIZED
SOLUTIONS

At A-OK, we are dedicated to delivering reliable and sustainable motorization solutions tailored to a wide range of projects, including residential, commercial, hospitality, educational, and healthcare spaces, as well as shopping centers. Our mission is to drive mutual growth by offering high-quality, branded products and services that empower your business to thrive and adapt in an ever-evolving market.



A-OK SMART

Seamless Integration

At the heart of modern living, our smart home solutions seamlessly connect devices, ensuring convenience, efficiency, and control at your fingertips. With advanced connectivity and automation, we transform spaces into intelligent environments.



Timer

Program blinds with smart motors to open or close automatically at preset times, ensuring convenience and comfort



Entertainment Scenes

Pre-configured settings simplify daily routines. Trigger scenarios with a click, timer, or action to control multiple smart devices at once



Family Sharing

Share the smart curtain switch with family members for added convenience. Control multiple devices with one phone or share control of one device across multiple phones



Easy Configuration

Enable pairing mode, and the smart hub will automatically detect and connect to the motor



Bi-directional feedback

View roller shade openness in the app as a percentage after setup



Battery status

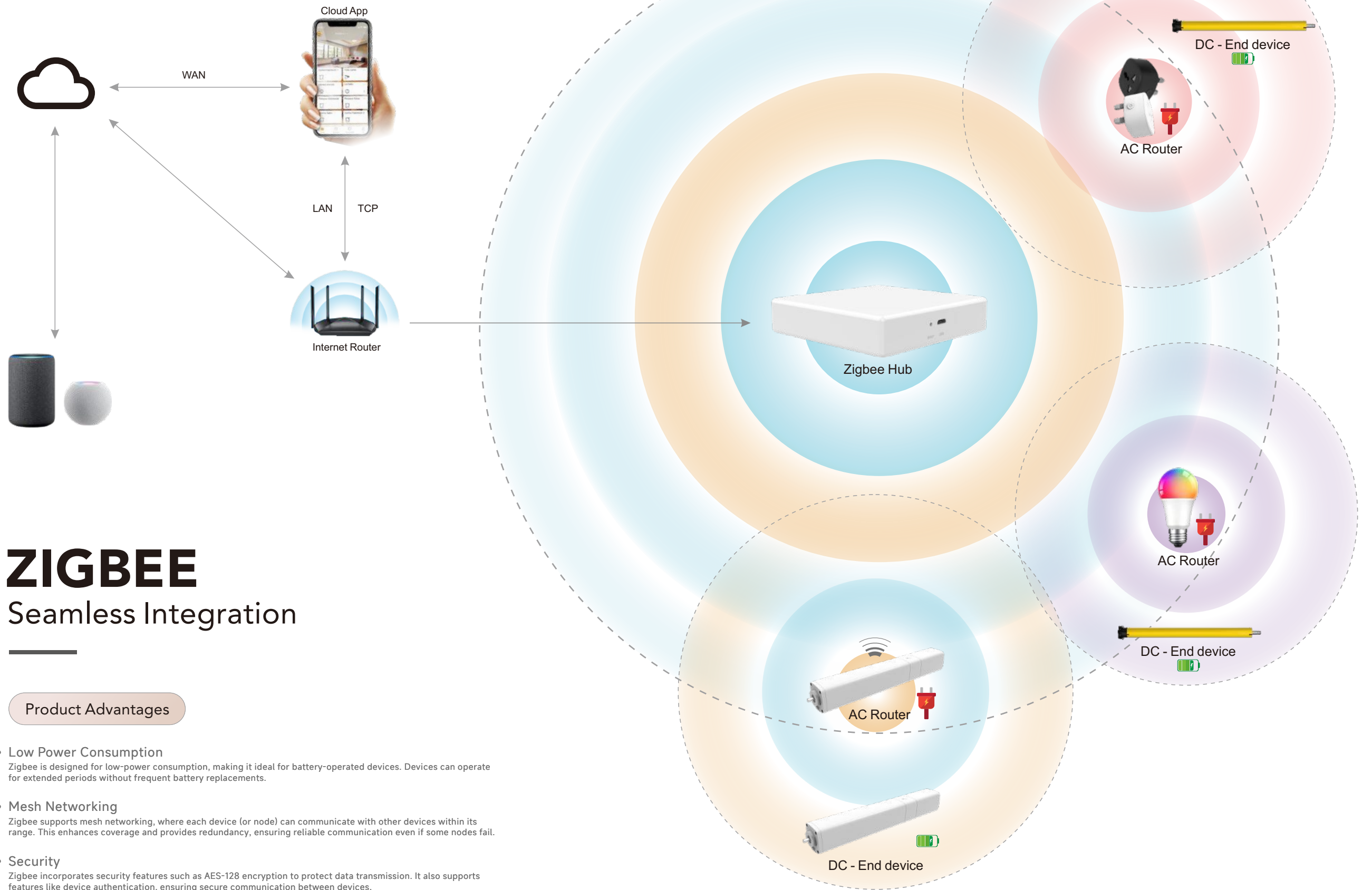
View real-time motor and shade power levels in the app



Voice Commands

Control shades with Google, Alexa, Siri, and more

MOTORIZATION CONNECTED



ZIGBEE

Seamless Integration

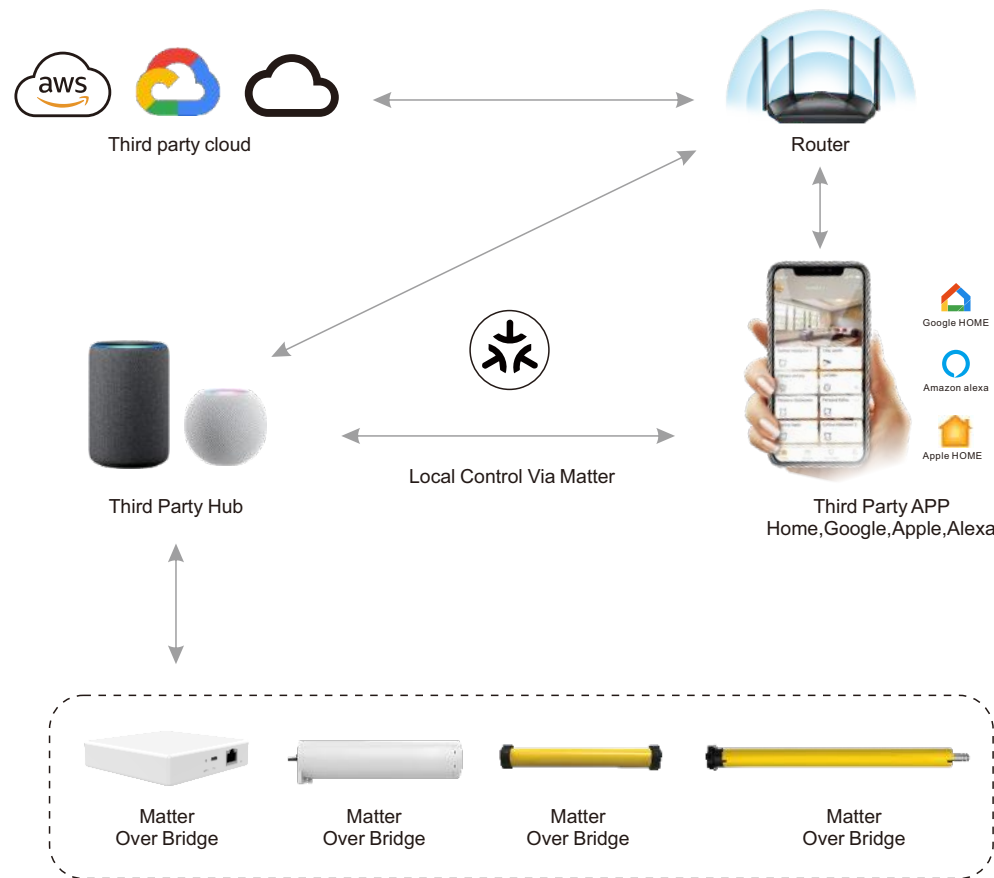
Product Advantages

- **Low Power Consumption**
Zigbee is designed for low-power consumption, making it ideal for battery-operated devices. Devices can operate for extended periods without frequent battery replacements.
- **Mesh Networking**
Zigbee supports mesh networking, where each device (or node) can communicate with other devices within its range. This enhances coverage and provides redundancy, ensuring reliable communication even if some nodes fail.
- **Security**
Zigbee incorporates security features such as AES-128 encryption to protect data transmission. It also supports features like device authentication, ensuring secure communication between devices.



CONNECT

Unlock the potential
of your home
with automation



MATTER

Seamless Integration

Product Advantages

- **Reliability**
Consistent and responsive local connectivity, the new industry-unifying standard, unites the benefits of Wi-Fi, Thread, and their common foundation of IP, resulting in a seamless network that supports experiences across a vibrant ecosystem. Matter allows developers to create smart devices that work with each other, regardless of brand, with Matter-enabled, smart home platforms.
- **Security**
Robust and streamlined for developers and users. Matter is the new smart home standard, was created with security and privacy as key design tenets and provides a baseline for building secure IoT devices.
- **Interoperability**
Devices from multiple brands work natively together. Matter's foundational multi-admin feature allows you to connect your smart devices to multiple apps and ecosystems locally, securely, and simultaneously. The multi-admin feature is just one way Matter is delivering on its promise of interoperability, as it allows users to choose the brands and devices they love and the ecosystems they'll work with while knowing their smart home will be able to grow with them.



CONNECT

Unlock the potential
of your home
with automation



WI-FI

Seamless Integration

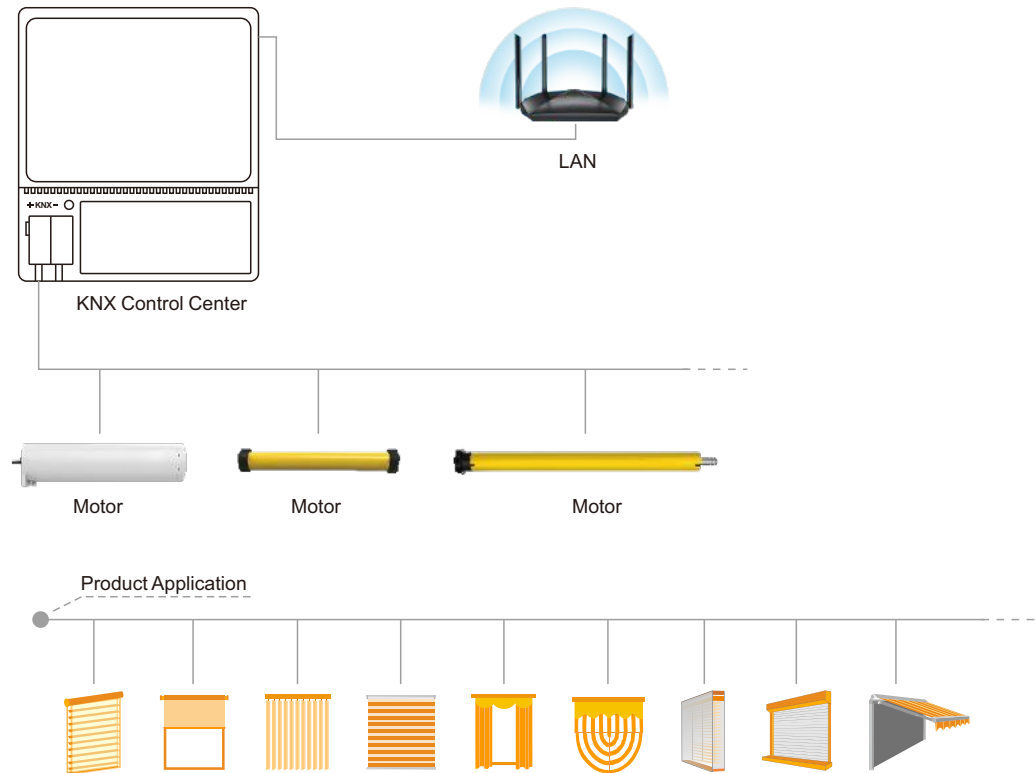
Product Advantages

- **Mobility and Convenience**
Wireless Connectivity: Wi-Fi allows devices to connect to the internet without the need for physical cables, providing greater mobility and convenience.
Ease of Access: Users can connect to Wi-Fi networks in various locations such as homes, offices, cafes, and public spaces, making it highly accessible.
- **Support for Multiple Devices**
Simultaneous Connections: Modern Wi-Fi standards support multiple devices connecting simultaneously without significant performance degradation.
- **High Data Transfer Rates**
Advanced Standards: Wi-Fi standards offer high data transfer rates, low latency, and improved performance in dense environments.



CONNECT

Unlock the potential
of your home
with automation



KNX

Seamless Integration

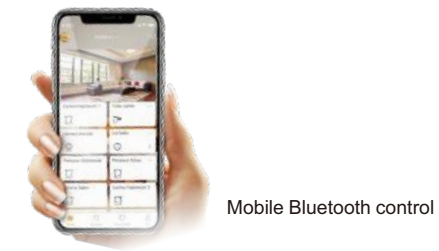
Product Advantages

- **Open standard**
The universal KNX protocol guarantees that all connected devices from different manufacturers are compatible with each other. This means that you're not tied to a single manufacturer, if you choose a particular brand.
- **Quality**
As KNX is mostly used within high-value commercial buildings and residential buildings, the KNX Association requires a high level of production and quality control during all stages of a KNX product's life.
- **Versatile and future proof**
Any KNX system can be expanded or reprogrammed. Once a KNX system has been installed, the system can be adapted to individual requirements whenever preferences or working conditions change.
- **Decentralized system**
KNX is a decentralized system; If one device stops working, the rest will continue to function unhindered.
- **Secure**
As a wired system, KNX is closed from the outside world, making it the best way to secure your data.

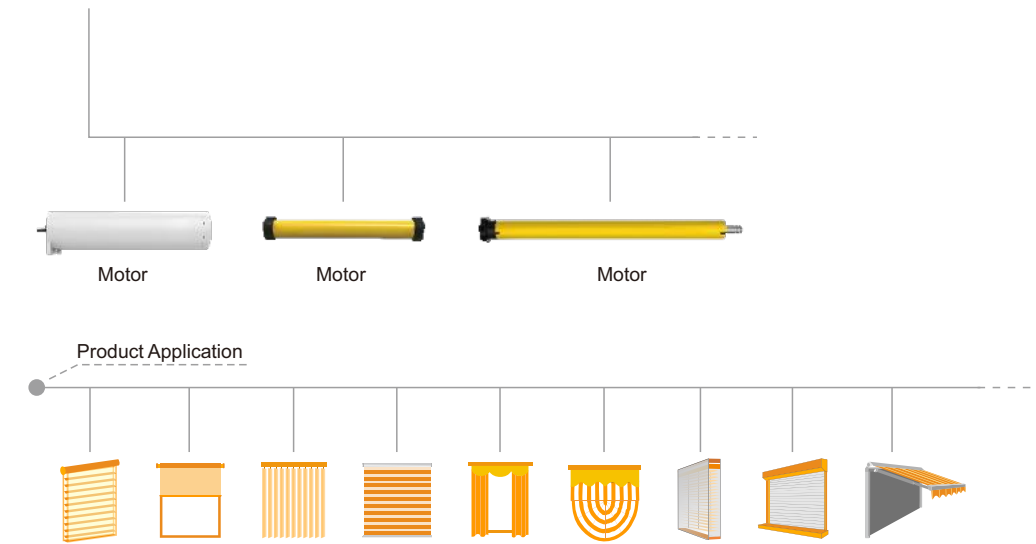


CONNECT

Unlock the potential
of your home
with automation



Mobile Bluetooth control



BLUETOOTH

Seamless Integration

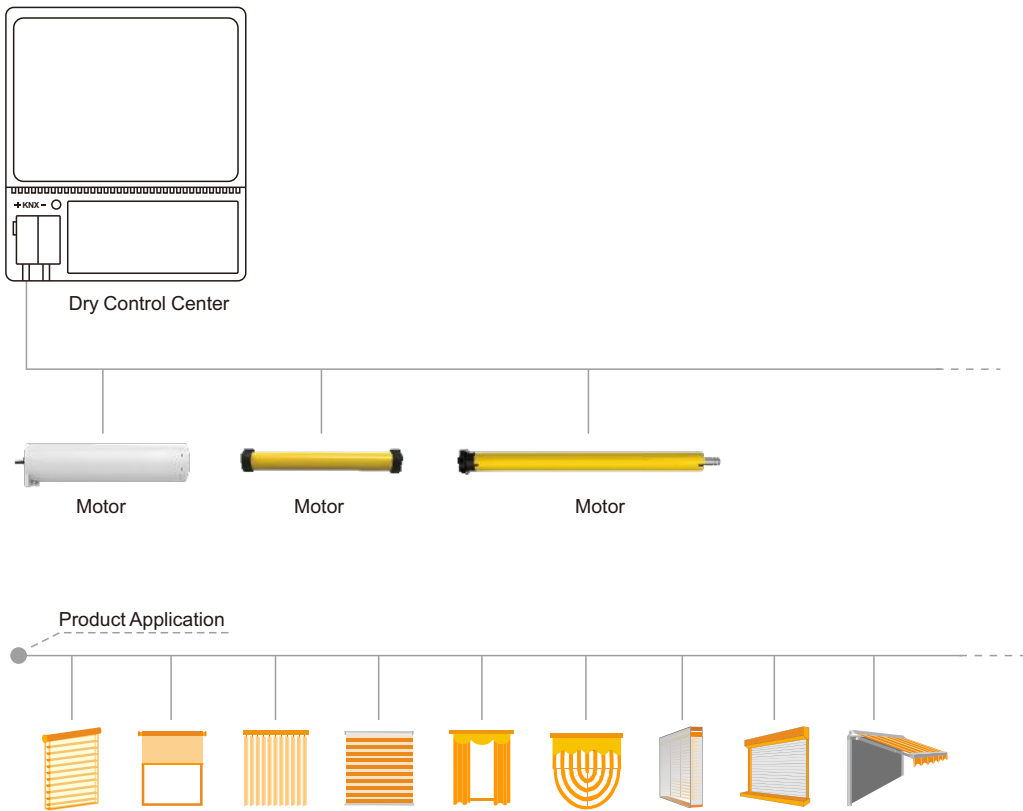
Product Advantages

- **Convenience**
Pairing devices with a built-in Bluetooth radio hardware involves a simple and straightforward process. There is no need to install additional software or drivers to establish communication or connection between Bluetooth-enabled devices. There is also no rigorous setup process for two devices to communicate. Pairing devices takes less than a minute. The overall user experience is also considered intuitive because of the simple setup and pairing processes.
- **Energy Efficiency**
The ultra-low power requirement of BLE makes it ideal for small devices such as wearable devices in which minimal battery capacity and small physical form factor are critical design and engineering considerations. Bluetooth consumes relatively low power, making it suitable for battery-powered devices. Additionally, it allows for secure and encrypted data transmission, ensuring privacy and protection.



CONNECT

Unlock the potential
of your home
with automation



RS485 / DRY CONTACT

Seamless Integration

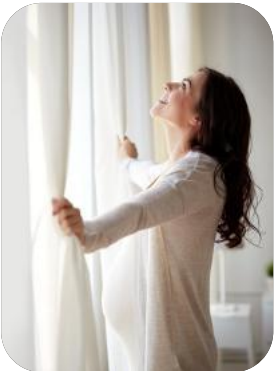
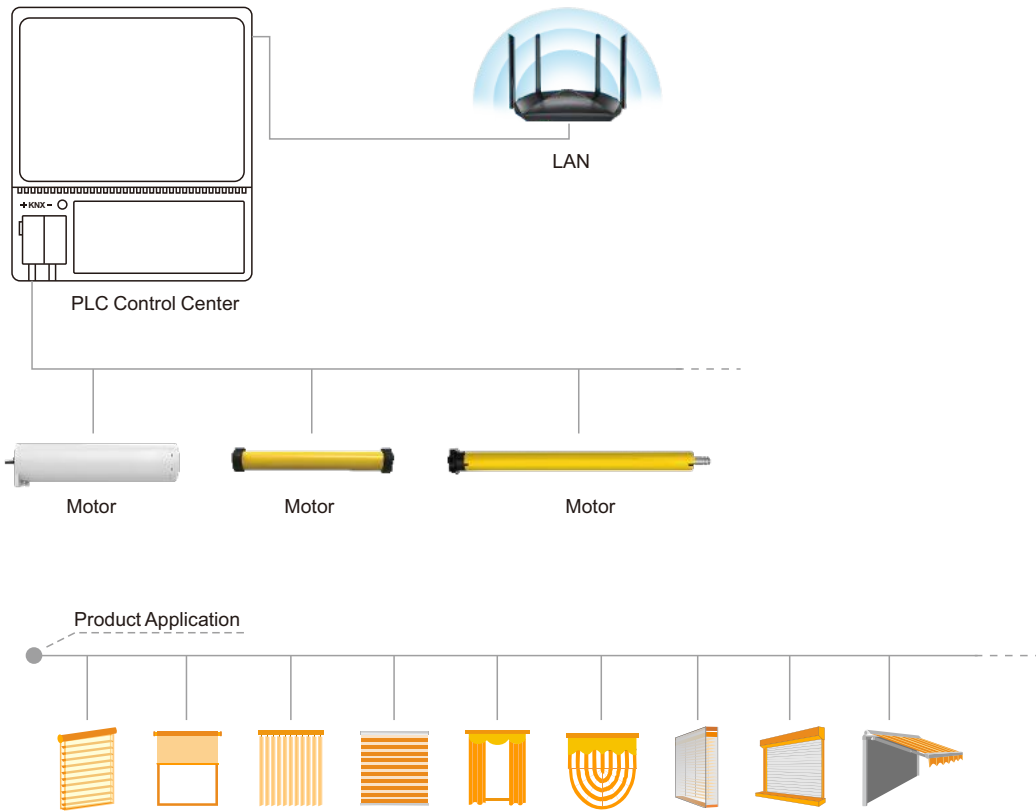
Product Advantages

- **Long-distance communication**
RS485 can communicate over much greater distances than other protocols, making it ideal for applications where data needs to be transmitted over long distances. RS485 can support data rates up to 10 Mbps, making it suitable for applications that require high data throughput.
- **Ease of use**
RS485 is a simple protocol to use and doesn't require special skills or knowledge to set up and use effectively.
- **Reliability**
RS485 is typically less expensive (long-distance transmission) than other protocols, making it a cost-effective solution for many applications.
- **Compatibility**
RS485 is compatible with a wide range of devices and systems, making it easy to integrate into existing infrastructure.

PLC

CONNECT

Unlock the potential
of your home
with automation



PLC

Seamless Integration

Product Advantages

- **Communication**
The PLC can use various standardised communication protocols. A PLC can link with other controllers, computers, or production equipment and perform multiple functions such as gathering data, monitoring devices, processing parameters and uploading programs.
- **Reliable**
It's easy to upload and download various programmes onto a PLC control system. All program logic remains in the PLC memory, so it won't cause wiring errors and will remain reliable with solid-state components.
- **Convenience**
PLC control systems reduce hardwiring inconveniences often associated with traditional relay control circuits. A PLC is also more compact, taking up less space than conventional; relay-based control systems.
- **Real-time**
Fast operation alongside the PLC control system managing real-time results is what makes a PLC so effective. No other industrial technology has the same ability to control operations as quickly or accurately.

ROLLER SHADES TUBULAR MOTOR

DC Input
Tubular Motor Series

AC Input
Tubular Motor Series

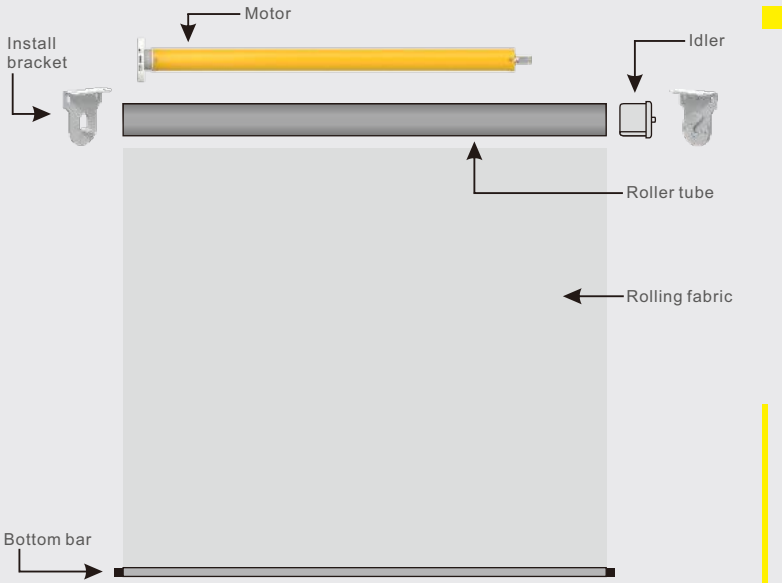




MOTORIZED ROLLER BLINDS

The electric roller blinds is a motorized blinds mechanism powered by a tubular motor. It only needs to start the power switch, you can control the rolling blinds up and down, easy to operate, work quietly and smoothly, is the upgrading of manual rolling blinds products. Motorized rolling blinds are installed indoors or between double-glasses to avoid the adverse effects of the outside world and improve the service life of the system. In summer, it can block the sunlight and reduce the air-conditioning load, and in winter, it can adjust the visual comfort. If you use radio remote control or building intelligent control, you can realize a variety of intelligent control methods to meet the user's high quality requirements. Electric roller blinds can be used in the form of "one drag more", in the mechanism to increase the balancer or universal joints, so that a motor at the same time dragging more than one pair of fabrics. When the motor is running, many pieces of fabric together for lifting movement, in order to achieve better shading and sunshade effect. The superiority in reducing the failure rate of the mechanism and reducing the project cost is also very outstanding. In modern intelligent buildings, the control system of electric roller blinds can also be docked with the building's control center to facilitate the realization of remote scale centralized control.

Structure



RECOMMENDED SOLUTION

01

DC Input Tubular Motor	Remote	Charger	Adaptor	Crown	Bracket	Idle	
							Radio
x1	x1	x1	x1	x1	x1	x1	

02

External Mechanical Limit Tubular Motor	Remote	Adaptor	Crown	Idle	Bracket	Receiver	
							Radio zigbee WiFi
x1	x1	x1	x1	x1	x1	x1	

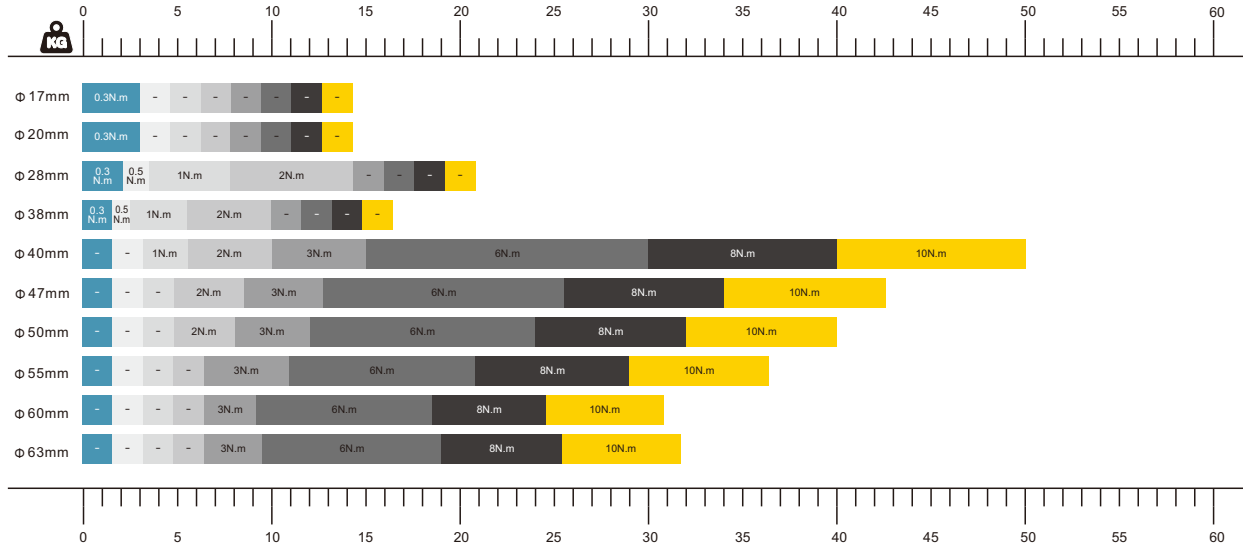
03

AC/DC Built in Tubular Motor Electronic Limit Tube Motor	Remote	Adaptor	Crown	Idle	Bracket		
							Radio
x1	x1	x1	x1	x1	x1		

04

Battery Embedded Tubular Motor	Solar Panel	Remote	Charger	Adaptor	Crown	Bracket	Idle	
								Radio zigbee Bluetooth matter ENERGY CONSERVATION
x1	x1 (Optional)	x1	x1 (Optional)	x1	x1	x1	x1	

SELECTION TABLES



How to choose the suitable torque motor?
Torque(N.m)=reel pipe radius(mm)x weight(kg)÷100

*Select suitable motors for your roller blind, please refer to the above chart according to your needs. For more information, please check detailed technical parameters on motor pages.

MOTORIZED ROLLER SHUTTER BENEFITS



Security

When the system is turned off
Protects your privacy



Smart Home

Connects to multiple platforms for
interconnectivity



Convenient to Operate

Using A-OK's transmitter and motor, the
Power your roller blinds system with the
click of a button!



Energy-Efficient

Reduce energy consumption
based on time of day, weather
and room temperature

GUIDELINES FOR CHOOSING A MOTOR



PRODUCT MATRIX

Selecting suitable motors for your shades,
please refer to the below
product matrix according to your needs

</

DC MOTOR RANGES



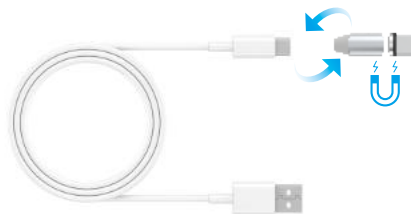
Solar charging panel

available for powering the DC motors



Power Adaptor

Type-C 5VDC rechargeable for built-in Li-Ion battery.

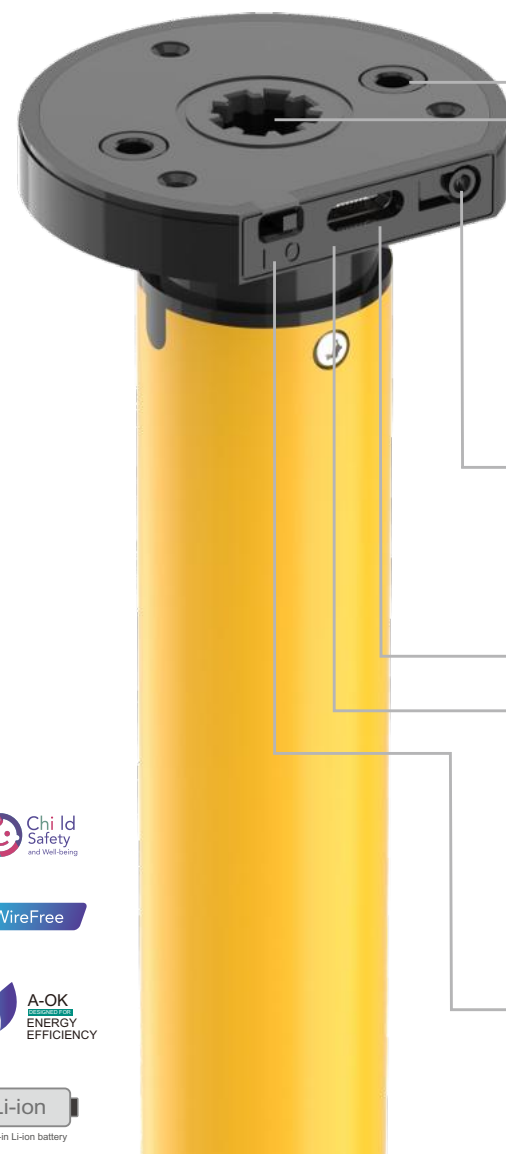


USB-C Cable

USB Type-C charging with magnetic adapter



Physical Design Motor Features



WireFree



Li-ion
Built-in Li-ion battery

◆ Concealed antenna

Both RF and Bluetooth antennas are built-in, hidden inside the motor head. Neat and not affecting performance.

◆ Reserved bracket adaptor hole

Reserved two bracket adaptor holes, whose distance is 29mm, it can easily be compatible with different systems.

◆ Programming button

Press the motor programming button to wake up the motor, high-quality button ensure comfortable using experience.

◆ USB-C charging port

Following energy eco-friendly global rules, make the best compatible.

◆ Solar charging solution

Wide voltage Solar charging solution. Solar charging voltage fluctuates with the sunshine strong and weak.

◆ Power on/off dip switch

Power on/off dip switch can cut off the power consumption during transportation and storage time can be extended to 1.5 years

Where Technology Meets Home



Voice Commands

Thanks to the availability of a wide variety of voice-controllable devices such as Apple, Amazon. and Google, controlling your shades while being completely hands-free is not just possible but really



Easy Configuration

Setting the motor into the smart protocol pairing mode. motor head green light blinks indicating successfully activate the smart mode pairing process, the smart hub will detect and link with the motors automatically



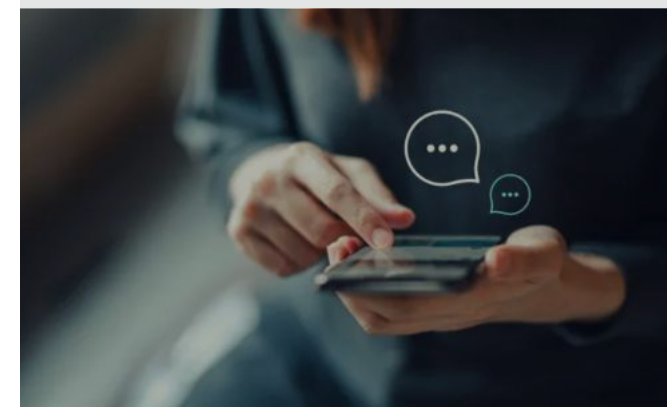
Family Sharing

Share this smart curtain switch with your family members to enjoy the convenience
Supports one phone to control multiple devices or multiple phones to control one device



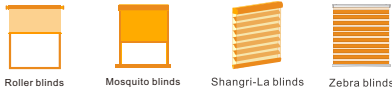
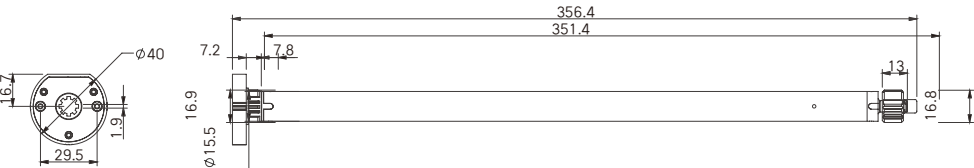
Bi-directional feedback

Optimize your space with bi-direction alfeedback technology, your shades position battery status will percentage is visible, feedback the real time rest power of the motor and shades



AM15

Built-in Li-ion Battery Electronic Limit Radio Tubular Motor



- 

NGWN patented gear box
 - NGWN gear box design, self-lock design to avoid shades slippery.
- 

Motor direction is reversible

A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.
- 

Top and bottom limits, plus 4 favorite stop positions.
- 

Soft start and soft stop
- 

Jog and continuous rolling adjustment
- 

Embedded Li-ion Battery
 - Built-in 800mAh rechargeable Li-ion battery.
- 

Auto correct the displacement

Hall sensor in electronic limit motors, will automatically detect and correct the limit positions deviation.
- 

Stroke memory function
- 

DC 5V Input, USB-C port charging
- 

Low power warning
- 

Could be powered by solar panel.

Extensive Functions

If work with 'A-OK AC520 smart bridge'.

- Open/Close the shades at pre-set timing
- Shades status is visible
- Remote access
- Scenes control

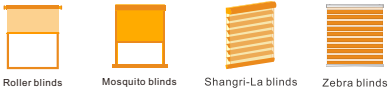
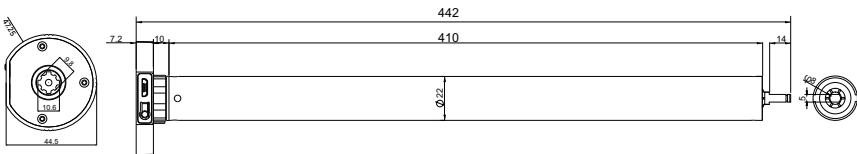
- RF remote control
- App control
- Voice control
- Group Individual control

5V DC

Model No.	Rated Torque	Rated speed	Frequency	Battery Capacity	Charging Voltage	Charging Current	Rated power	Rated Current	IP class	Working Temperature	Built-In Chip
AM15-03/35-ES-E	0.3N.m	35rpm	433MHz	800mAh	5V DC	0.5A	3.7W	0.5A	IP44	-10°C ~ +45°C	RF

AM22

Built-in Li-ion Battery Electronic Limit Radio Tubular Motor



- 

Embedded Li-ion Battery
 - Built-in 2600mAh rechargeable Li-ion battery.
- 

Motor direction is reversible

A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.
- 

Top and bottom limits, plus 4 favorite stop positions.
- 

Soft start and soft stop
- 

Jog and continuous rolling adjustment
- 

Could be powered by solar panel.
- 

Auto correct the displacement

Hall sensor in electronic limit motors, will automatically detect and correct the limit positions deviation
- 

Stroke memory function
- 

DC 5V Input, USB-C port charging
- 

Low power warning

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If work with 'A-OK AC526 ZigBee hub' | If the motor has built-in smart chipset

- Open/Close the shades at pre-set timing
- Shades status is visible
- Battery status visible on the App
- Remote access
- Scenes control

- RF remote control
- App control
- Voice control
- Group Individual control

5V DC

Model No.	Rated Torque	Rated RPM	Frequency	Battery Capacity	Charging Voltage	Charging Current	Rated power	Rated Current	IP class	Working Temperature	Built-In Chip
AM22-0.5/25-ES-E	0.5N.m	25rpm	433MHz	2600mAh	5V DC	0.8A	6.7W	0.9A	IP44	-10°C ~ +45°C	RF
AM22-0.5/25-ES-E-B	0.5N.m	25rpm	433MHz	2600mAh	5V DC	0.8A	6.7W	0.9A	IP44	-10°C ~ +45°C	RF+Bluetooth
AM22-0.5/25-ES-E-Z	0.5N.m	25rpm	433MHz	2600mAh	5V DC	0.8A	6.7W	0.9A	IP44	-10°C ~ +45°C	RF+ZigBee
AM22-0.5/25-ES-E-MT	0.5N.m	25rpm	433MHz	2600mAh	5V DC	0.8A	6.7W	0.9A	IP44	-10°C ~ +45°C	RF+Matter

AM25

Built-in Li-ion Battery

Electronic Limit Radio Tubular Motor



- Embedded Li-ion Battery**
Built-in 2600mAh rechargeable Li-ion battery.
- Auto correct the displacement**
Hall sensor in electronic limit motors, will automatically detect and correct the limit positions deviation
- DC 5V Input, USB-C port charging
- Top and bottom limits, plus 4 favorite stop positions.
- Jog and continuous rolling adjustment
- Soft start and soft stop
- Stroke memory function
- Could be powered by solar panel.
- Low power warning
- Bi-directional feedback
- A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If work with 'A-OK AC526 ZigBee hub' | If the motor has built-in smart chipset

- Open/Close the shades at pre-set timing
- Shades status is visible
- Battery status visible on the App
- Remote access
- Scenes control

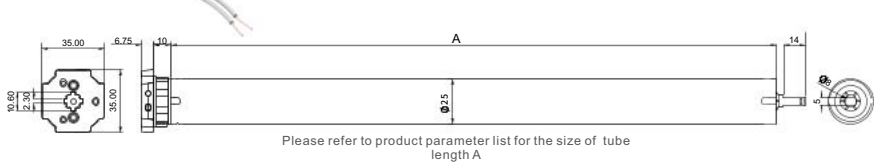
- RF remote control
- App control
- Voice control
- Group Individual control

5V DC										
Model No.	Rated Torque	Rated RPM	Frequency	Battery Capacity	Rated Power	Rated Current	Rated Voltage	Working Temp	IP Class	Built-In Chip
AM25-1/25-ES-E	1N.m	25rpm	433MHz	2600mAh	8.8W	1.2A	5V	-10°C ~ +45°C	IP44	RF
AM25-1/25-ES-E-B	1N.m	25rpm	433MHz	2600mAh	8.8W	1.2A	5V	-10°C ~ +45°C	IP44	RF+Bluetooth
AM25-1/25-ES-E-Z	1N.m	25rpm	433MHz	2600mAh	8.8W	1.2A	5V	-10°C ~ +45°C	IP44	RF+ZigBee
AM25-1/25-ES-E-MT	1N.m	25rpm	433MHz	2600mAh	8.8W	1.2A	5V	-10°C ~ +45°C	IP44	RF+Matter
AM25-1.8/25-ES-E	1.8N.m	25rpm	433MHz	3000mAh	12.5W	2.5A	5V	-10°C ~ +45°C	IP44	RF
AM25-1.8/25-ES-E-B	1.8N.m	25rpm	433MHz	3000mAh	12.5W	2.5A	5V	-10°C ~ +45°C	IP44	RF+Bluetooth
AM25-1.8/25-ES-E-Z	1.8N.m	25rpm	433MHz	3000mAh	12.5W	2.5A	5V	-10°C ~ +45°C	IP44	RF+ZigBee
AM25-1.8/25-ES-E-MT	1.8N.m	25rpm	433MHz	3000mAh	12.5W	2.5A	5V	-10°C ~ +45°C	IP44	RF+Matter

AM25

DC Input

Mechanical Limit Short Tubular Motor



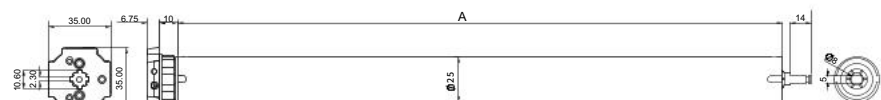
- Mechanical limit
- Switch UP / DOWN / STOP
- UP to ± 2°C
Repeated positioning accuracy
- Durable Design with more than 10,000 life cycles.
- Patented helical gearbox ensures the low noise performance.
- Innovative short motor design

- Switch control

12/24V DC								
Model No.	Rated Torque	Rated RPM	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class	Control
AM25-1.2/30-D	1.2N.m	30rpm	280mm	12V DC	11W	0.9A	IP44	Switch
AM25-1.2/30-D	1.2N.m	30rpm	280mm	24V DC	11W	0.5A	IP44	Switch

DC Input

Electronic Limit Radio Tubular Motor

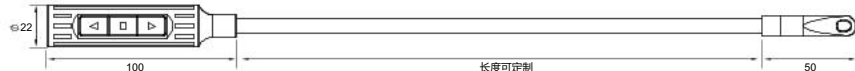


||



Model No.	Rated Torque	Rated RPM	Tube length A	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM25-1/30-ES	1N.m	30rpm	280mm	433MHz	12V DC	11W	0.9A	IP44	RF
AM25-1/30-ES	1N.m	30rpm	280mm	433MHz	24V DC	11W	0.5A	IP44	RF

Wand Controlled Built-in Li-ion Battery Electronic Limit Tubular Motor



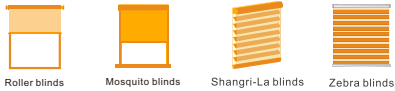
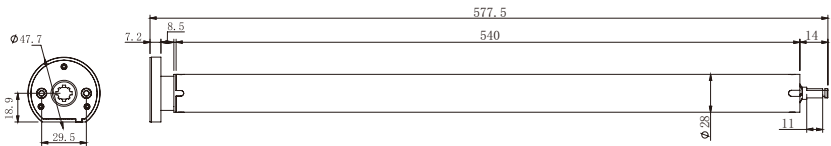
Charge the motor via the switch wand, easy and convenient.
Wand length could be customized according to your blinds height

Model No.	Rated Torque	Rated RPM	Frequency	Battery Capacity	Rated Power	Rated Current	Rated Voltage	Working Temp	IP Class	Built-In Chip
AM25-1/30-ES-EH	1N.m	30rpm	433MHz	2600mAh	8.8W	1.2A	5V	-10℃ ~ +45℃	IP44	RF

AM28

Coreless Built-in Li-ion Battery

Electronic Limit Radio Silent Tubular Motor



- Coreless motor design, 22dB noise level, super quiet motor
- Built-in 3000mAh rechargeable Li-ion battery
- Could be powered by solar panel
- Top and bottom limits, plus 4 favorite stop positions.
- Soft start and stop
- Motor direction is reversible
A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.
- DC 5V Rated, USB-C port charging
- Bi-directional feedback function
- Stroke memory function
- Low power warning
- Jog and continuous rolling adjustment

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If work with 'A-OK AC526 ZigBee hub' | If the motor has built-in smart chipset

- Open/Close the shades at pre-set timing
- Shades status is visible
- Battery status visible on the App
- Remote access
- Scenes control

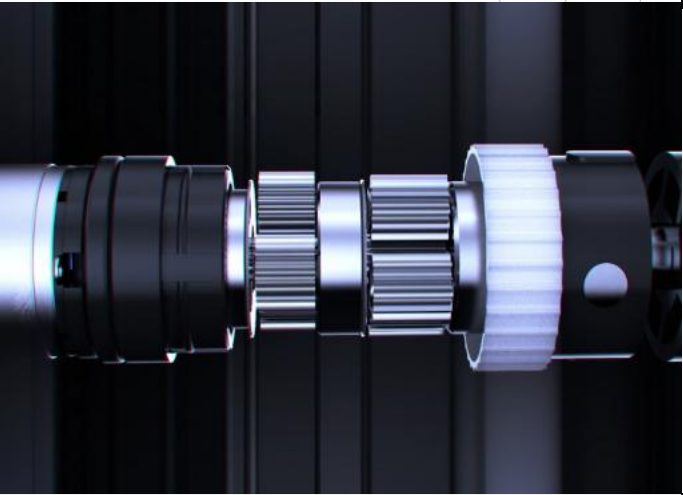
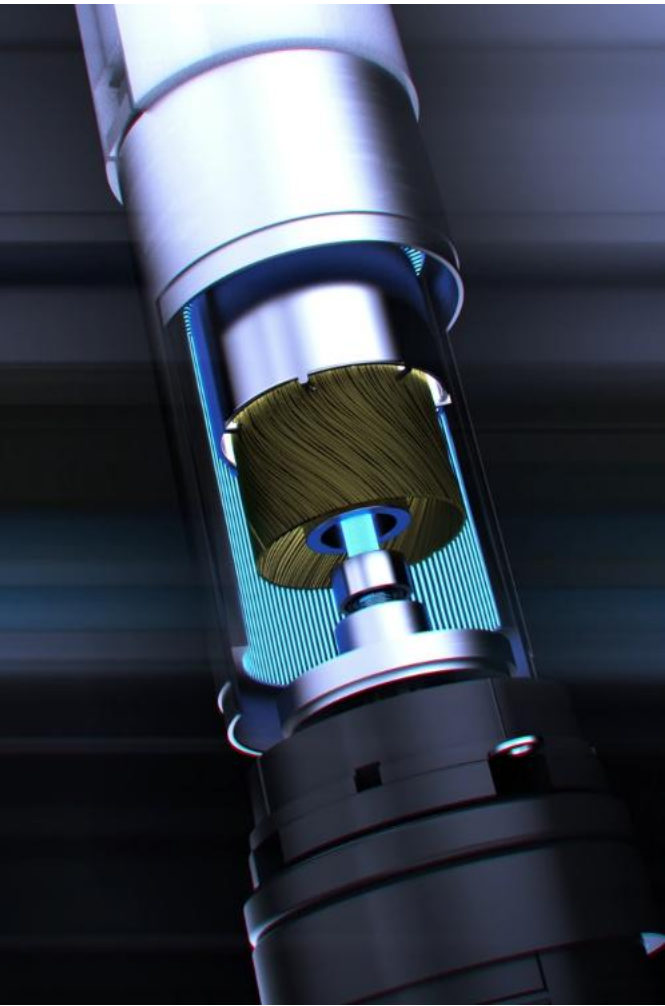
- RF remote control
- App control
- Voice control
- Group Individual control

Model No.	Rated Torque	Rated RPM	Frequency	Battery Capacity	Rated Power	Rated Current	Rated Voltage	Working Temp	IP Class	Built-In Chip
AM28-1.5/25-ES-E-Q	1.5N.m	25rpm	433MHz	3000mAh	11W	1.7A	5V	0°C ~ +55°C	IP44	RF
AM28-1.5/25-ES-E-Q-Z	1.5N.m	25rpm	433MHz	3000mAh	11W	1.7A	5V	0°C ~ +55°C	IP44	RF+ZigBee

CORDLESS DC DRIVE

Newest
Coreless DC driver
super silent

≤ 22dB



LONG LIFETIME
(2,000HOURS +)

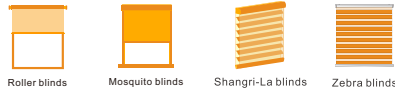
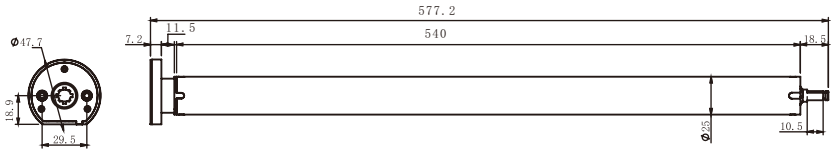
REDUCER

High precision
planetary gear
reducerd
for silent running



AM28

Built-in Li-ion Battery Electronic Limit Radio Tubular Motor



Built-in 3000mAh rechargeable Li-ion battery



Could be powered by solar panel



Top and bottom limits,
plus 4 favorite stop positions.



DC 5V Rated, USB-C port charging



Motor direction is reversible
A reversal of the circuit's polarity will change the direction
of the motor's force. clockwise or counterclockwise.



Bi-directional feedback



Soft start and stop



Stroke memory function



Jog and continuous rolling adjustment



Low power warning

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If work with 'A-OK AC526 ZigBee hub' | If the motor has built-in smart chipset



Open/Close the
shades at pre-set timing



Shades status
is visible



Battery status
visible on the App



Remote access



Scenes control



RF
remote control



App
control



Voice
control



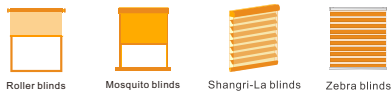
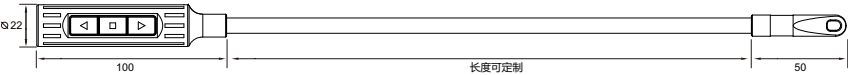
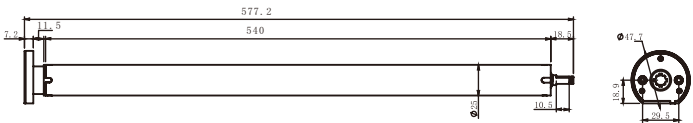
Group
Individual
control

5V DC

Model No.	Rated Torque	Rated RPM	Frequency	Battery Capacity	Rated Power	Rated Current	Rated Voltage	Working Temp	IP Class	Built-In Chip
AM28-1.8/25-ES-E	1.8N.m	25rpm	433MHz	3000mAh	18.5W	2.5A	5V	0°C ~ +55°C	IP44	RF
AM28-1.8/25-ES-E-B	1.8N.m	25rpm	433MHz	3000mAh	18.5W	2.5A	5V	0°C ~ +55°C	IP44	RF+Bluetooth
AM28-1.8/25-ES-E-Z	1.8N.m	25rpm	433MHz	3000mAh	18.5W	2.5A	5V	0°C ~ +55°C	IP44	RF+ZigBee
AM28-1.8/25-ES-E-MT	1.8N.m	25rpm	433MHz	3000mAh	18.5W	2.5A	5V	0°C ~ +55°C	IP44	RF+Matter

AM28

Wand Controlled Built-in Li-ion Battery Electronic Limit Radio Tubular Motor



Embedded Li-ion Battery

- Built-in 2600mAh rechargeable Li-ion battery.



Could be powered by solar panel



Motor direction is reversible

A reversal of the circuit's polarity will change the direction
of the motor's force. clockwise or counterclockwise.



Auto correct the displacement

Hall sensor in electronic limit motors, will automatically
detect and correct the limit positions deviation



Top and bottom limits,
plus 4 favorite stop positions.



Stroke memory function



Soft start and soft stop



DC 5V Rated, USB-C port charging



Jog and continuous rolling adjustment



Low power warning



Wand
control

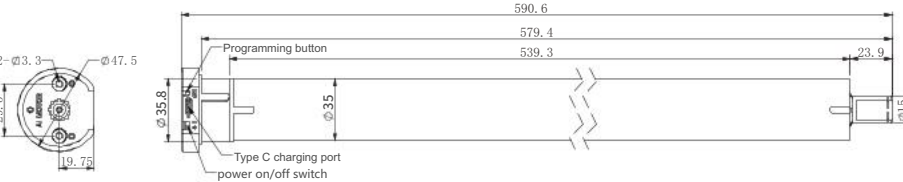
Charge the motor via the switch wand, easy and convenient.
Wand length could be customized according to your blinds height

5V DC

Model No.	Rated Torque	Rated RPM	Frequency	Rated Voltage	Rated Current	Working Temp	IP Class	Built-In Chip
AM28-1.5/25-ES-EH	1.5N.m	25rpm	433MHz	5V DC	1.7A	0°C ~ +55°C	IP44	RF
AM28-1.8/25-ES-EH	1.8N.m	25rpm	433MHz	5V DC	2.5A	0°C ~ +55°C	IP44	RF

AM35

Built-in Li-ion Battery Electronic Limit Radio Tubular Motor



- Built-in 3000mAh rechargeable Li-ion battery
- DC 5V Rated, USB-C port charging
- Low power warning
- Top and bottom limits, plus 4 favorite stop positions.
- Bi-directional feedback
- Could be powered by solar panel
- Jog and continuous rolling adjustment
- Stroke memory function
- Soft start and stop
- A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If work with 'A-OK AC526 ZigBee hub' | If the motor has built-in smart chipset

- Open/Close the shades at pre-set timing
- Shades status is visible
- Battery status visible on the App
- Remote access
- Scenes control

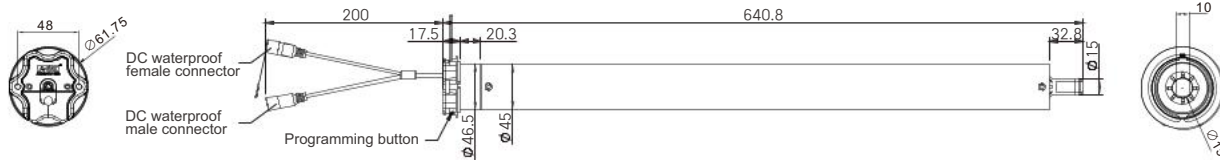
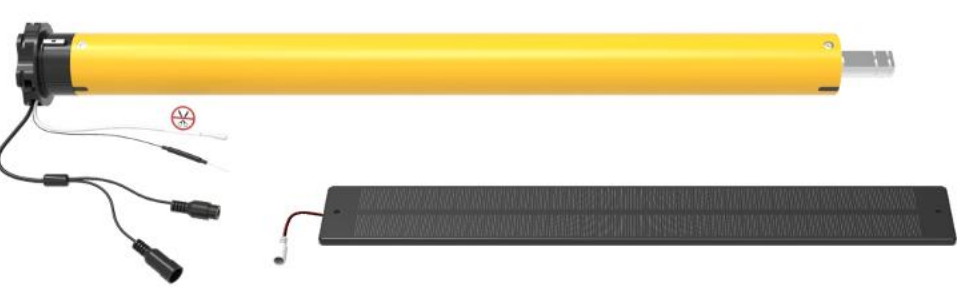
- RF remote control
- App control
- Voice control
- Group Individual control

5V DC

Model No.	Rated Torque	Rated RPM	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM35E-6/18-ES-E	6N.m	18rpm	433MHz	DC 5V	36W	3A	IP44	RF
AM35E-10/13-ES-E	10N.m	13rpm	433MHz	DC 5V	36W	3A	IP44	RF
AM35E-6/18-ES-E-Z	6N.m	18rpm	433MHz	DC 5V	36W	3A	IP44	RF+ZigBee
AM35E-10/13-ES-E-Z	10N.m	13rpm	433MHz	DC 5V	36W	3A	IP44	RF+ZigBee

AM45

Built-in Li-ion Battery Electronic Limit Radio Super Silent Tubular Motor



- Silent & smooth movement, with patents design features to reduce motor operating sound.
- Soft start and stop
- Low power warning
- Top and bottom limits, plus 4 favorite stop positions.
- Bi-directional feedback
- Motor built-in rechargeable 5200mAh lithium-ion battery, which support 6 months operation if runs 1 cycle per day. (1 cycle= 1 UP & 1 Down)
- Jog and continuous rolling adjustment
- Stroke memory function
- A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If work with 'A-OK AC526 ZigBee hub' | If the motor has built-in smart chipset

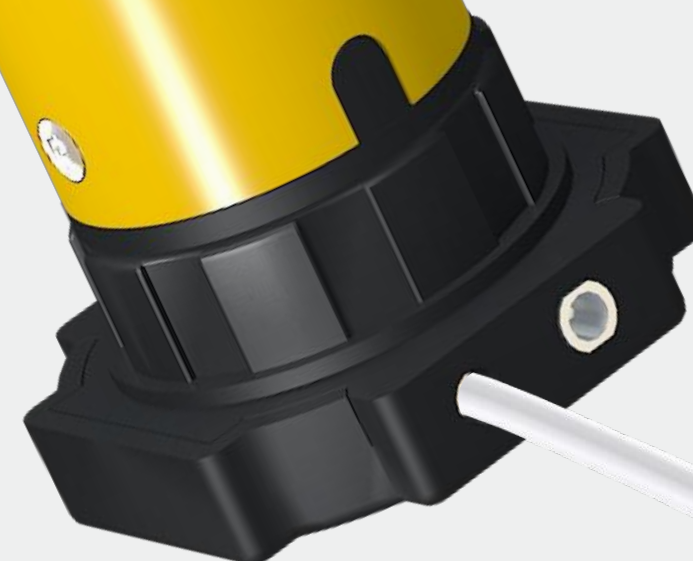
- Open/Close the shades at pre-set timing
- Shades status is visible
- Battery status visible on the App
- Remote access
- Scenes control

- RF remote control
- App control
- Voice control
- Group Individual control

12V DC

Model NO.	Rated Torque	Rated RPM	Frequency	Rated voltage	Rated power	Rated current	IP class	Built-In Chip
AM45-10/13-ES-E	10N.m	13rpm	433MHz	DC12V	36W	3.0A	IP44	RF

AC INPUT MOTOR RANGES



Hard wired
AC100~240V motors



Power plug options for
different countries standard



UK Plug



Australia Plug



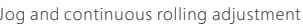
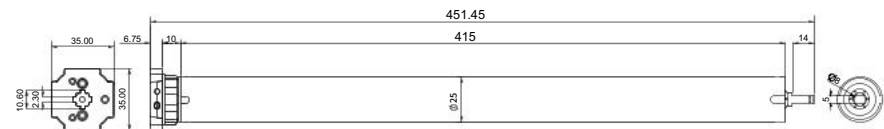
Europe Plug



America Plug

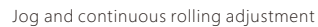
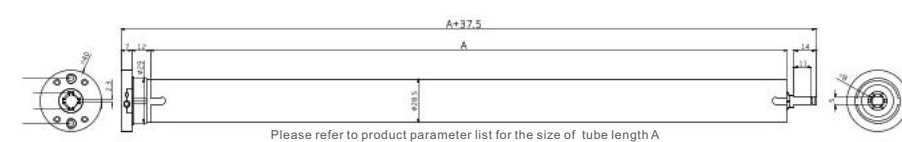


AC Input Electronic Limit Radio DC Tubular Motor



100-240V AC								
Model No.	Rated Torque	Rated RPM	Tube Length A	Frequency	Rated Voltage	Rated Power	IP Class	Built-In Chip
AM25-1.2/30-MEL-P	1.2N.m	30rpm	415mm	433MHz	100-240V	36W	IP44	RF
AM25-1.2/30-MEL-P-W	1.2N.m	30rpm	415mm	433MHz	100-240V	36W	IP44	RF+WiFi
AM25-1.2/30-MEL-P-Z	1.2N.m	30rpm	415mm	433MHz	100-240V	36W	IP44	RF+ZigBee

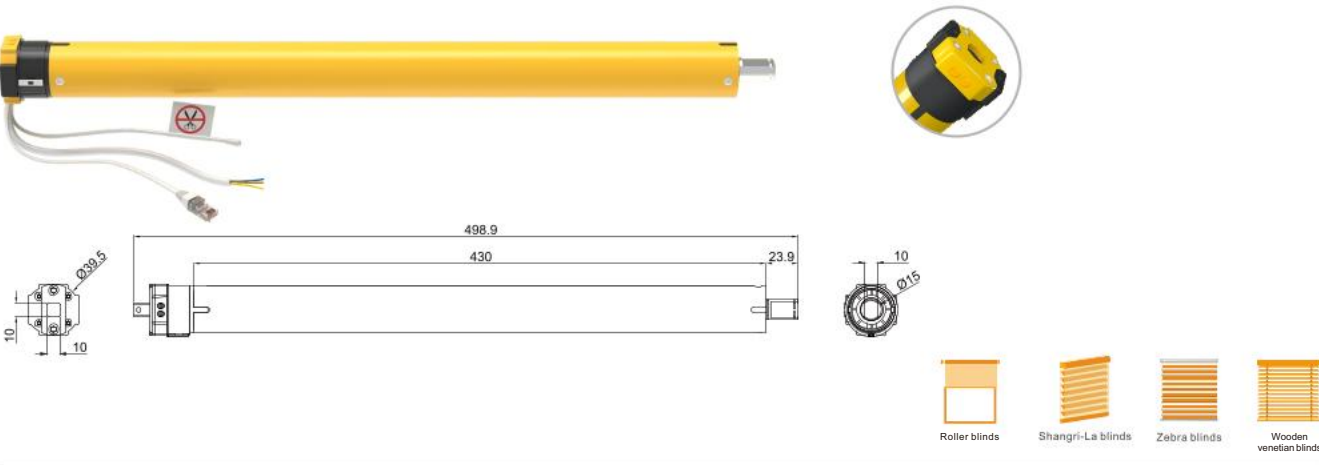
AC Input Electronic Limit Radio DC Tubular Motor



100-240V AC								
Model No.	Rated Torque	Rated RPM	Tube Length A	Frequency	Rated Voltage	Rated Power	IP Class	Built-In Chip
AM28-1.8/25-MEL-P	1.8N.m	25rpm	415mm	433MHz	100-240V	36W	IP44	RF
AM28-1.8/25-MEL-P-W	1.8N.m	25rpm	415mm	433MHz	100-240V	36W	IP44	RF+WiFi
AM28-1.8/25-MEL-P-Z	1.8N.m	25rpm	415mm	433MHz	100-240V	36W	IP44	RF+ZigBee

AM35

AC Input Electronic Limit Radio DC Tubular Motor



No over-heat issue

- Suitable for super-high blinds.

Ultra-Quiet design

- DC driver built-in ensures the Quiet rolling.

Top and bottom limits, plus 4 favorite stop positions.

Bi-directional feedback

Soft start and stop

Stroke memory function

Motor direction is reversible

A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.

Jog and continuous rolling adjustment

Extensive Functions

If work with 'A-OK AC520 smart bridge'

If work with 'A-OK AC526 ZigBee hub'

If the motor has built-in smart chipset

Open/Close the shades at pre-set timing

Shades status is visible

Battery status visible on the App

Remote access

Scenes control

RF remote control

App control

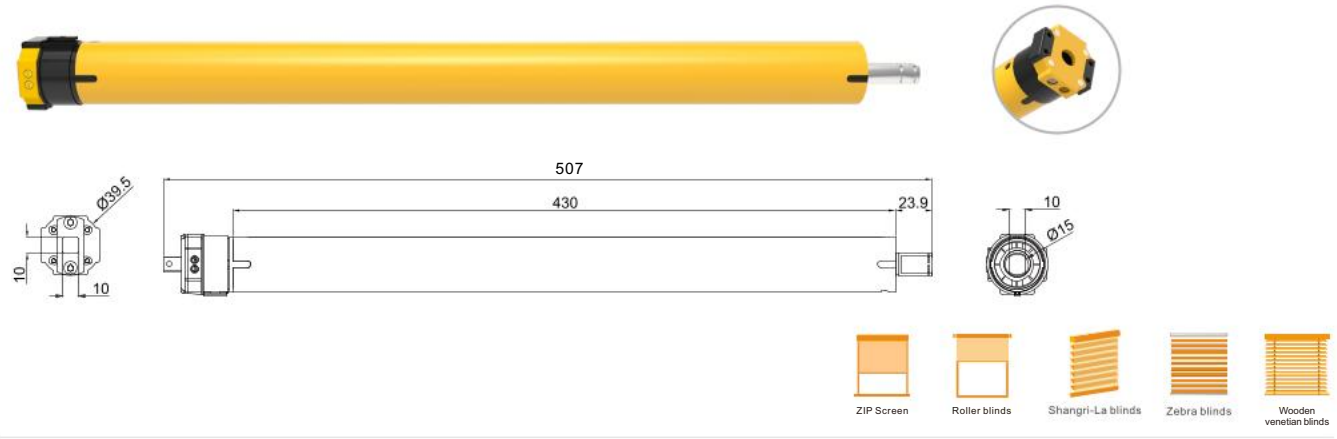
Voice control

Group Individual control

100~240V AC									
AC 100~240V									
Model No.	Rated Torque	Rated RPM	Motor Diameter	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM35-6/18-MEL-P	6N.m	18rpm	35mm	433MHz	100~240V	125W	0.5A	IP44	RF
AM35-6/18-MEL-P-W	6N.m	18rpm	35mm	433MHz	100~240V	125W	0.5A	IP44	RF+WiFi
AM35-6/18-MEL-P-Z	6N.m	18rpm	35mm	433MHz	100~240V	125W	0.5A	IP44	RF+ZigBee
AM35-10/13-MEL-P	10N.m	13rpm	35mm	433MHz	100~240V	135W	0.6A	IP44	RF
AM35-10/13-MEL-P-W	10N.m	13rpm	35mm	433MHz	100~240V	135W	0.6A	IP44	RF+WiFi
AM35-10/13-MEL-P-Z	10N.m	13rpm	35mm	433MHz	100~240V	135W	0.6A	IP44	RF+ZigBee

AM35

AC Input Electronic Limit Radio Tubular Motor



Top and bottom limits, plus 4 favorite stop positions.

Bi-directional feedback

Soft start and stop

Stroke memory function

Motor direction is reversible

A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.

Jog and continuous rolling adjustment

Extensive Functions

If work with 'A-OK AC520 smart bridge'

If work with 'A-OK AC526 ZigBee hub'

If the motor has built-in smart chipset

Open/Close the shades at pre-set timing

Shades status is visible

Battery status visible on the App

Remote access

Scenes control

RS485 control Dry contact control

RF remote control

App control

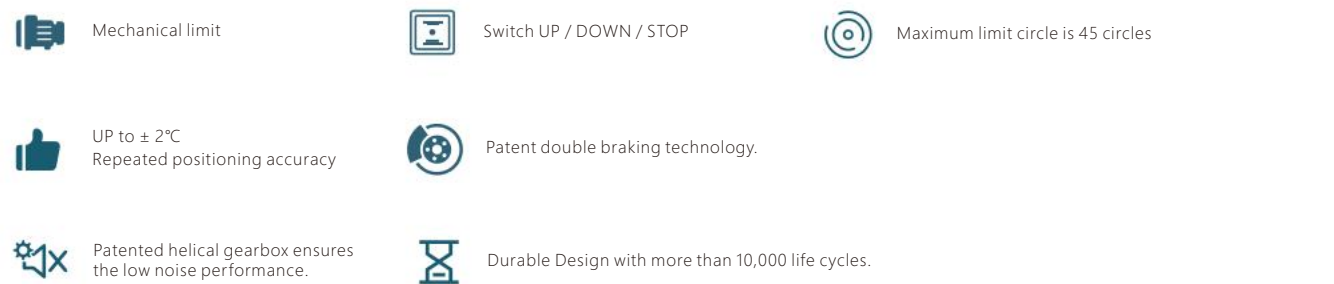
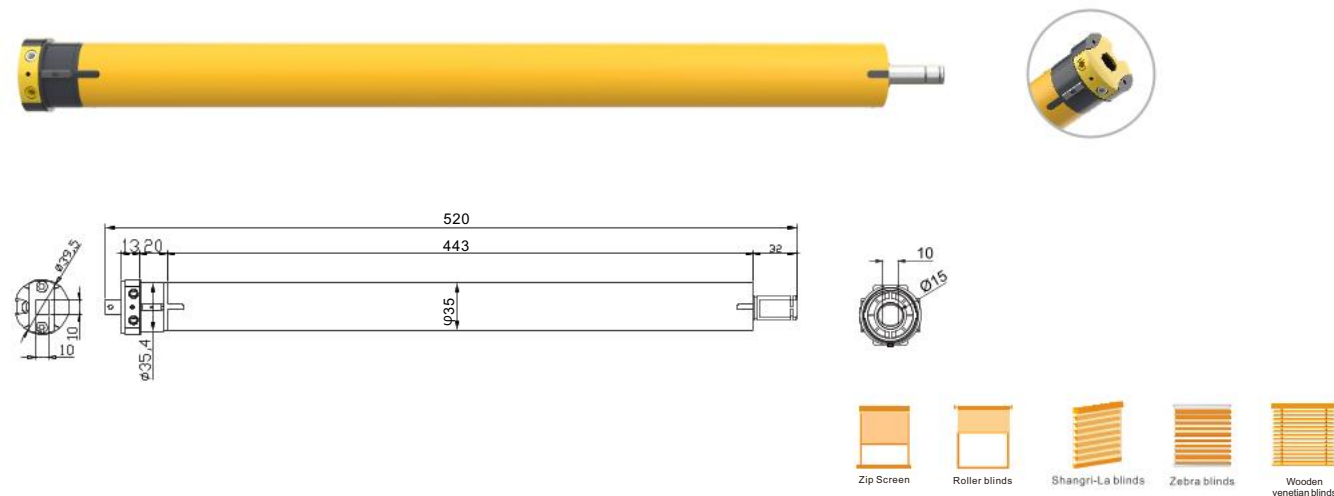
Voice control

Group Individual control

120V / 230V AC								
								
Model No.	Rated Torque	Rated RPM	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM35-6/28-MEL	6N.m	28rpm	433MHz	120V/60Hz / 230V/50Hz	115W	1.1A / 0.4A	IP44	RF
AM35-6/28-MEL-W	6N.m	28rpm	433MHz	120V/60Hz / 230V/50Hz	115W	1.1A / 0.4A	IP44	RF+WiFi
AM35-6/28-MEL-Z	6N.m	28rpm	433MHz	120V/60Hz / 230V/50Hz	115W	1.1A / 0.4A	IP44	RF+ZigBee
AM35-10/17-MEL	10N.m	17rpm	433MHz	120V/60Hz / 230V/50Hz	115W	1.1A / 0.4A	IP44	RF
AM35-10/17-MEL-W	10N.m	17rpm	433MHz	120V/60Hz / 230V/50Hz	115W	1.1A / 0.4A	IP44	RF+WiFi
AM35-10/17-MEL-Z	10N.m	17rpm	433MHz	120V/60Hz / 230V/50Hz	115W	1.1A / 0.4A	IP44	RF+ZigBee

AC Input

Mechanical Limit Tubular Motor



When work with output RF receiver

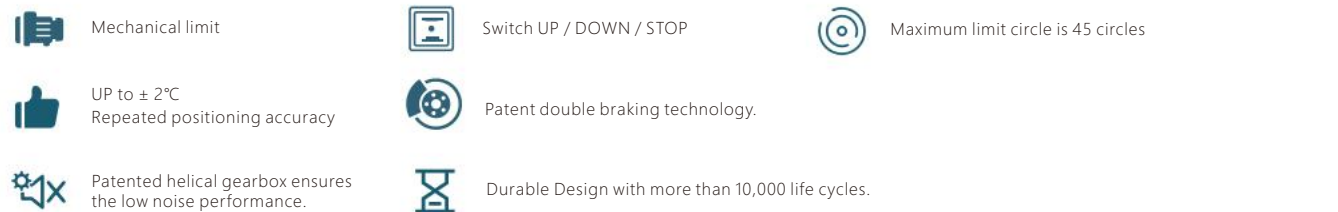
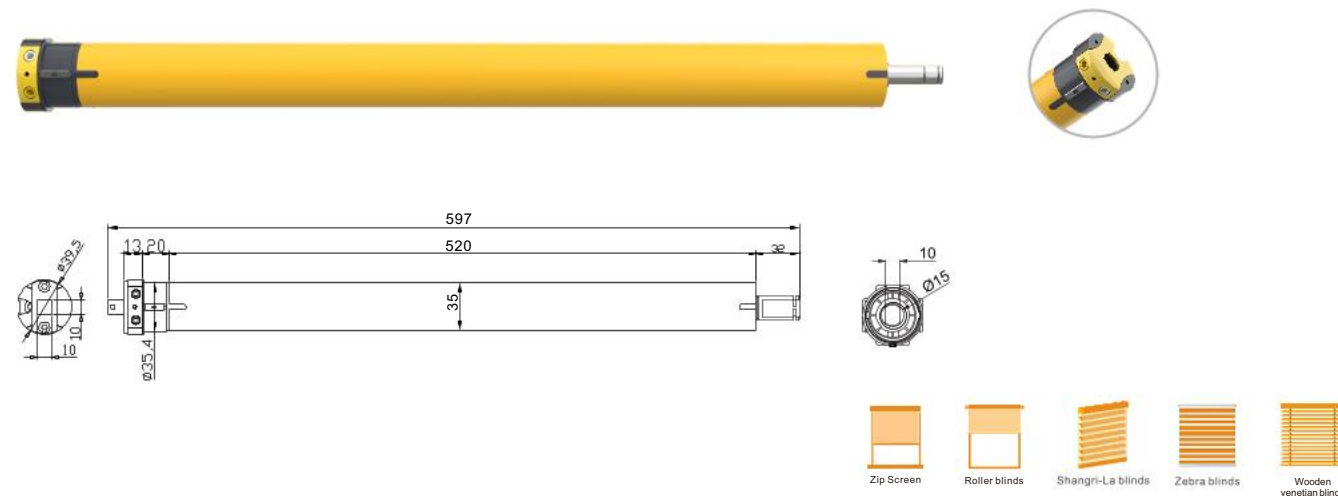


120V AC 60Hz

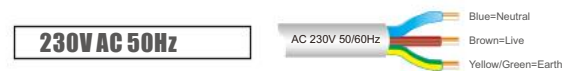
AC 120V 60Hz

White-Neutral
Black-Up/Down
Red-Down/Up
Green-Earth

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class	Control
AM35-3/28	3N.m	28rpm	35mm	120V	85W	0.76A	IP44	Switch
AM35-6/28	6N.m	28rpm	35mm	120V	130W	1.1A	IP44	Switch
AM35-10/17	10N.m	17rpm	35mm	120V	130W	1.1A	IP44	Switch



If work with 'A-OK AC520 smart bridge'



120V AC 60Hz

AC 120V 60Hz

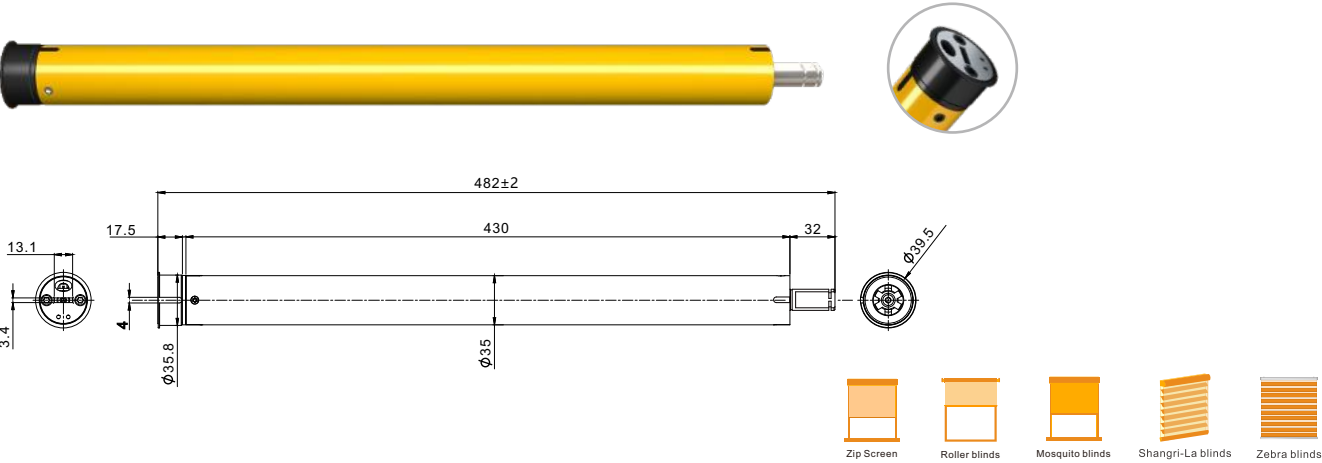
White=Neutral
Black=Live
Green=Earth

Model No.	Rated Torque	Rated RPM	Motor Diameter	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM35-3/28-E	3N.m	28rpm	35mm	433MHz	120V	120W	1.1A	IP44	RF
AM35-6/28-E	6N.m	28rpm	35mm	433MHz	120V	130W	1.1A	IP44	RF
AM35-10/17-E	10N.m	17rpm	35mm	433MHz	120V	130W	1.1A	IP44	RF

AM35

AC Input Zero Gap

Electronic Limit Radio Tubular Motor



Zero light gap, <5mm

- Real black out, and no light ray can slip into the room.



Bi-directional feedback



Top and bottom limits, plus 4 favorite stop positions.



Stroke memory function



Soft start and stop



Jog and continuous rolling adjustment



Motor direction is reversible

A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If work with 'A-OK AC526 ZigBee hub' | If the motor has built-in smart chipset



Open/Close the shades at pre-set timing



Shades status is visible



Remote access



Scenes control



RS485 control
Dry contact control



RF remote control



App control



Voice control



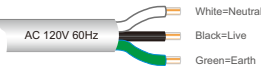
Group
Individual control

230V AC 50/60Hz



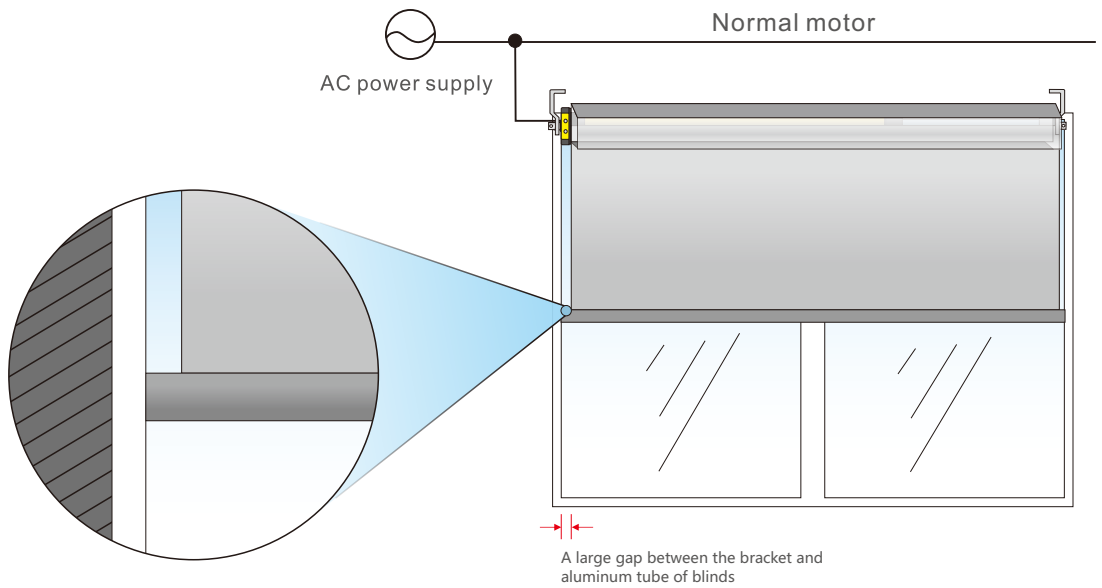
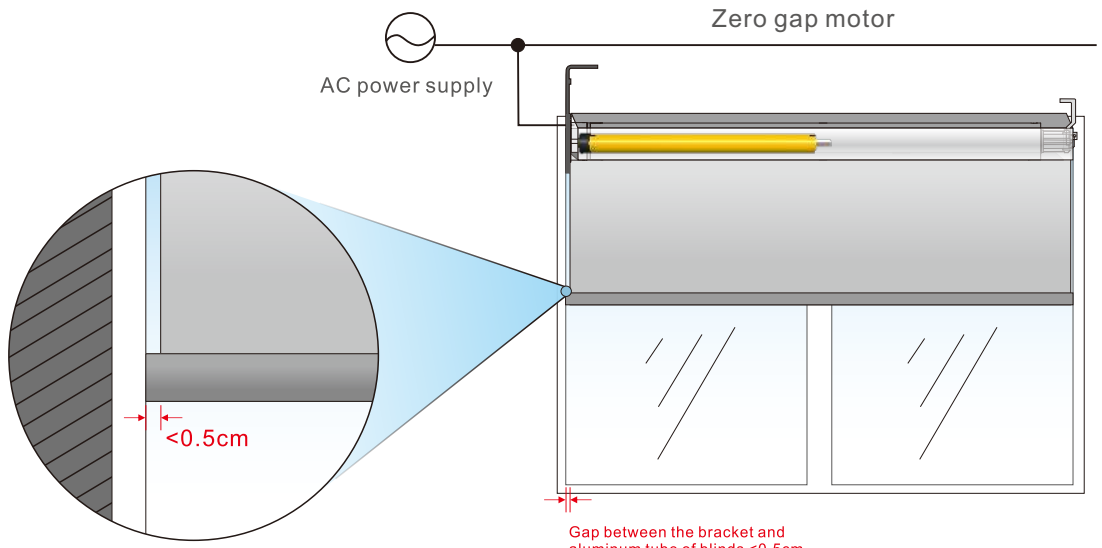
Model No.	Rated Torque	Rated RPM	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM35-6/28-MEL-ZG	6N.m	28rpm	433MHz	230V AC	115W	0.5A	IP44	RF

120V AC 60Hz



Model No.	Rated Torque	Rated RPM	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM35-6/28-MEL-ZG	6N.m	28rpm	433MHz	120V AC	130W	1.1A	IP44	RF

Application comparison between zero gap & traditional motor



What are the advantages of Zero clearance stroke?

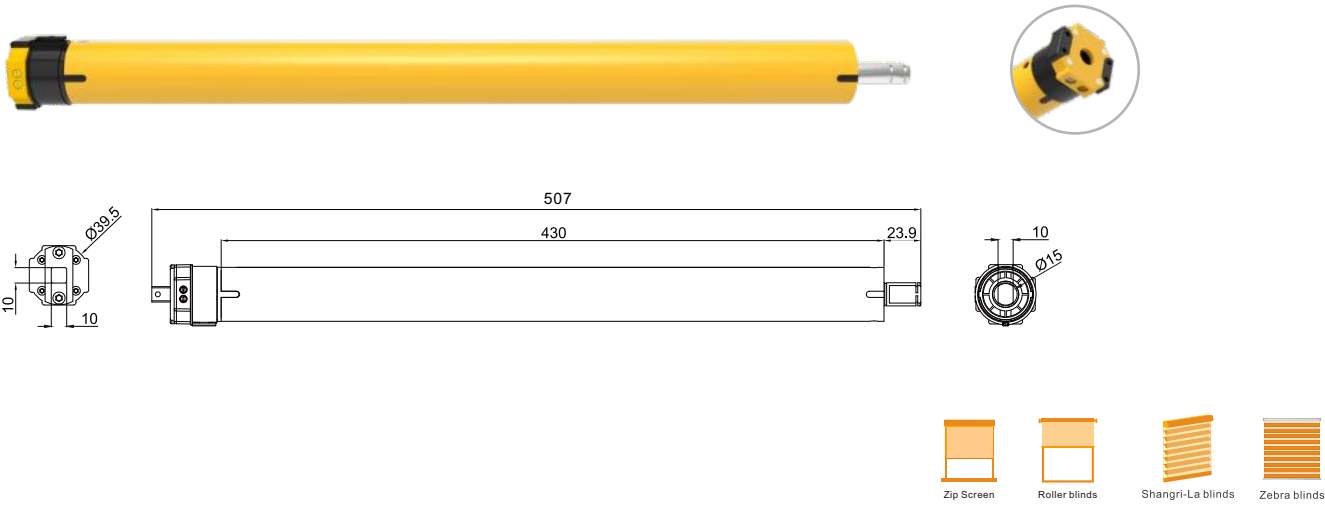
The gap between the bracket and aluminum tube of blinds can be narrowed down to almost zero. Just because the motor head can be hidden inside the tube. Highlight advantages: new solution to customer, there is no more light leaking from outside to. protect your eyeballs.



A-OK Emitter

AM35 / AM45

AC Input Perfect Alignment Electronic Limit Radio Tubular Motor



- PWM alignment control**

 - PWM Constant speed control, uniform speed up and down
- No over-heat issue**

 - Suitable for super-high blinds.
- Top and bottom limits, plus 4 favorite stop positions.
- Soft start and stop
- Motor direction is reversible**

 - A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.
- RS485 controller**

 - One controller manage 1~99 sets of motors
- Ultra-quiet design**

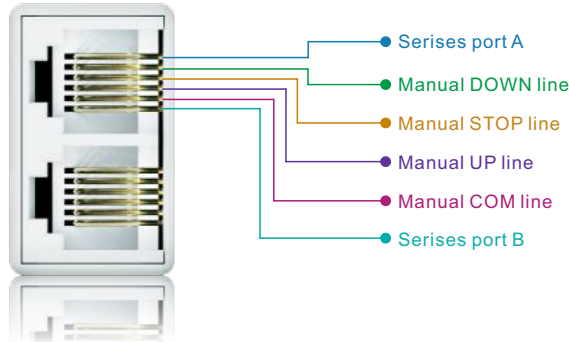
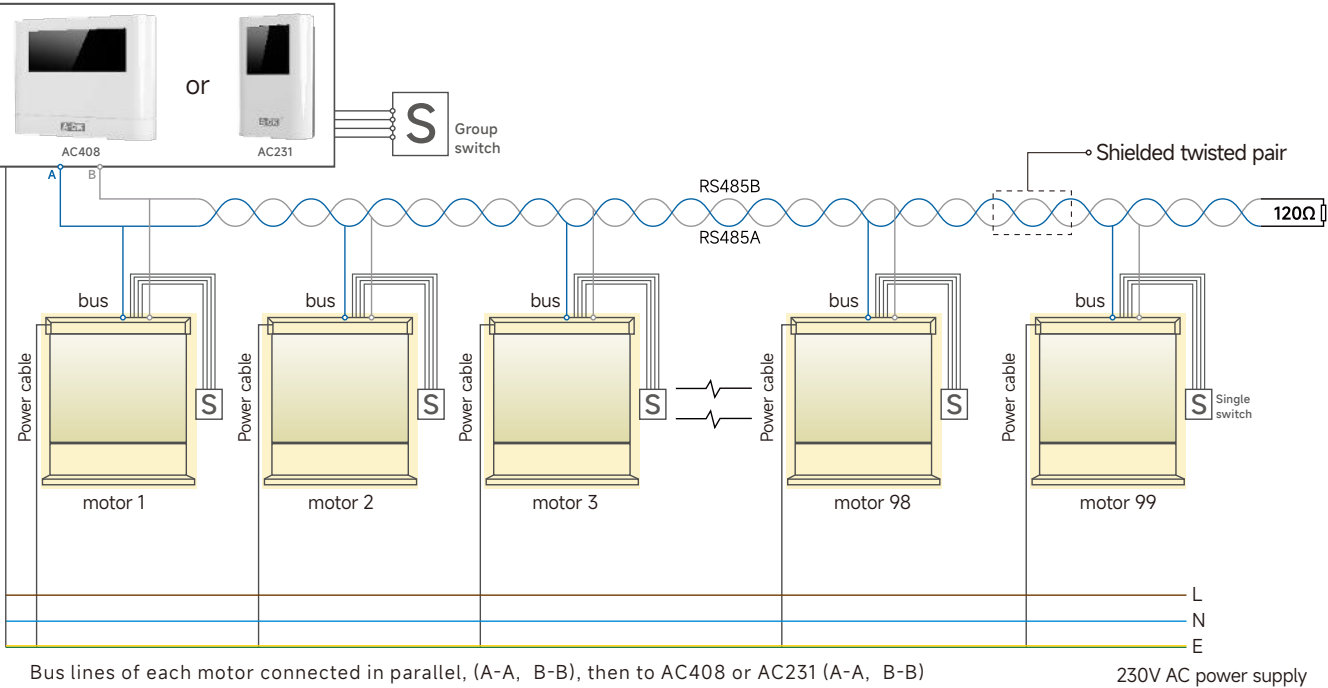
 - DC motor built-in ensures the quiet rolling.
- Bi-directional feedback
- Stroke memory function
- Jog and continuous rolling adjustment

- RS485 control
Dry contact control
- RF
remote control
- Group
Individual
control



Alignment connection scheme

Alignment motor controtller
(0~99 channels)



- ◆ The perfect alignment controller will manage the motors to chase the shades bottom rail into the same height, and then all of the shades will rolling at the same horizontal.
- ◆ Max 99sets of perfect alignment motors can be linked. (RS485, Rf433)

100-240V AC

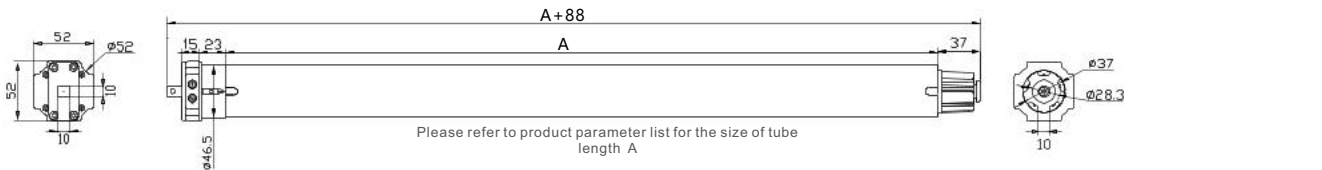
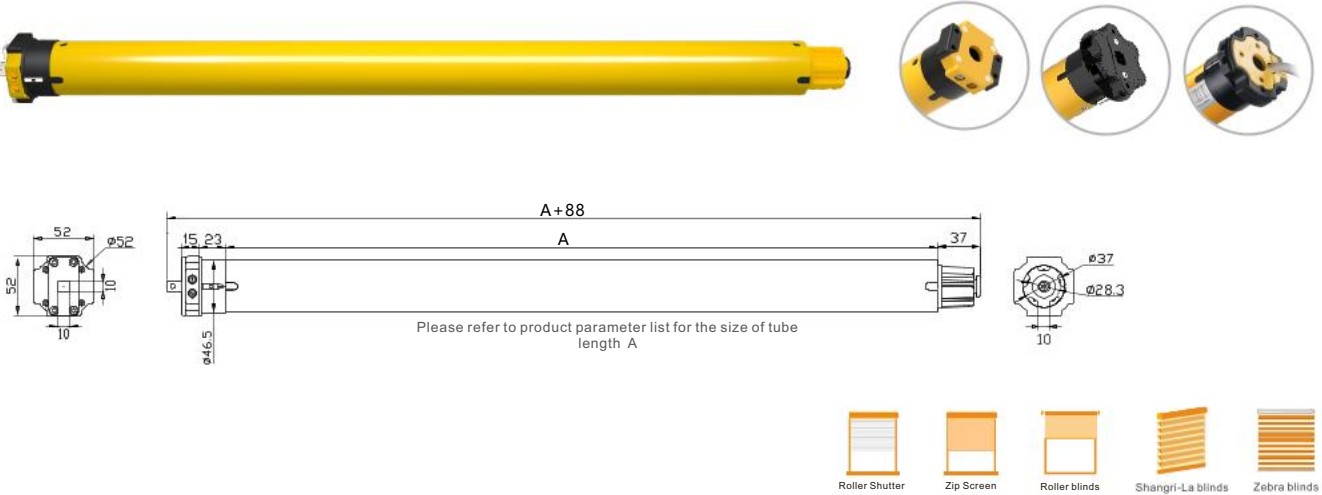
Model	Rated Torque	Rated RPM	Frequency	Rated power	Rated Current	Rated Voltage	Working Temp	IP Class	Built-In Chip
AM35-6/20-MEL-P-H	6N.m	20rpm	433MHz	45W	2A	100-240V AC	-10~+45℃	IP44	RF
AM45-6/20-MEL-P-H	6N.m	20rpm	433MHz	45W	2A	100-240V AC	-10~+45℃	IP44	RF

Model	Battery type	Emission current	Transmitting power	Frequency	RF modulation mode	Working Temp
AM136-99 emitter	3V CR2450	≤18mW	≤10mW	433.92MHz	ASK	-20℃~+55℃

Model	Operating voltage	Load power	Frequency	Mode of operation	RF modulation mode	Working Temp
AC408-03 motor controller	230V AC 50Hz	≤500Wx4	433MHz	RF remote control/dry contact control	ASK	-40℃~+85℃
AC231-06 motor controller	230V AC	≤500W	433MHz	Remote/manual control	ASK	-40℃~+85℃

AM45

AC Input Ultra Quiet Mechanical Limit Tubular Motor



- Mechanical limit
- Switch UP / DOWN / STOP
- Maximum limit circle is 55 circles
- UP to ± 2°C
Repeated positioning accuracy
- Patent double braking technology.
- Patented helical gearbox ensures the silent performance.
- Durable Design with more than 10,000 life cycles.

230V AC 50/60Hz



Model No.	Rated Torque	Rated RPM	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class	Control
AM45-3/28-Q	3N.m	28rpm	620mm	230V	85W	0.4A	IP44	Switch
AM45-6/28-Q	6N.m	28rpm	620mm	230V	115W	0.5A	IP44	Switch
AM45-8/19-Q	8N.m	19rpm	620mm	230V	115W	0.5A	IP44	Switch
AM45-13/14-Q	13N.m	14rpm	620mm	230V	135W	0.6A	IP44	Switch

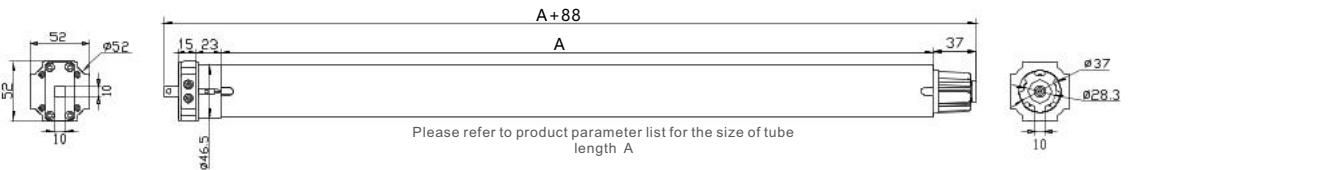
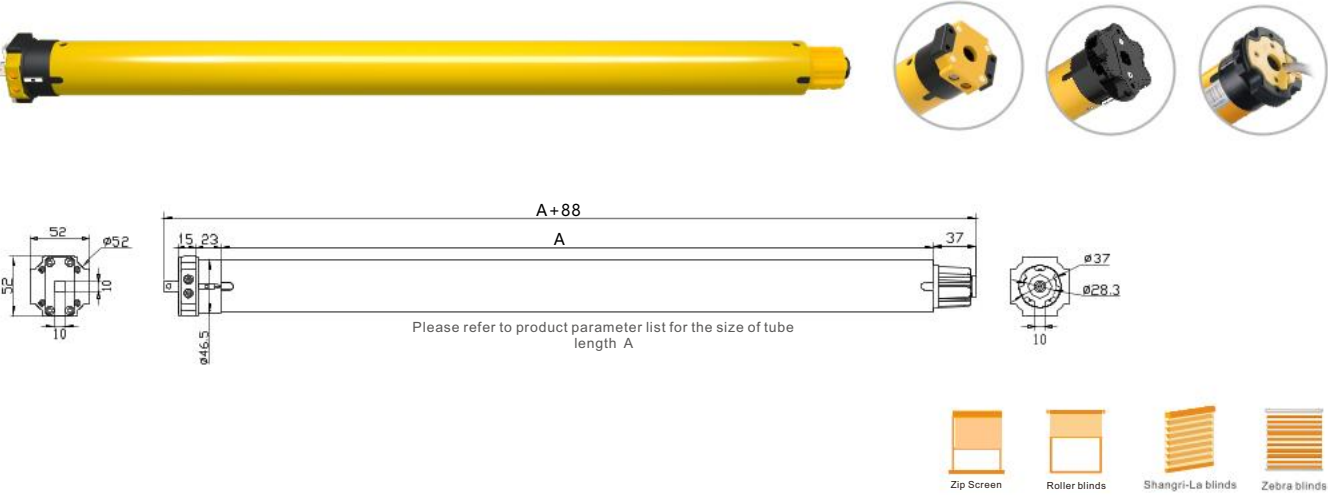
120V AC 60Hz



Model No.	Rated Torque	Rated RPM	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class	Control
AM45-3/28-Q	3N.m	28rpm	620mm	120V	120W	1.0A	IP44	Switch
AM45-6/28-Q	6N.m	28rpm	620mm	120V	130W	1.1A	IP44	Switch
AM45-8/19-Q	8N.m	19rpm	620mm	120V	130W	1.1A	IP44	Switch
AM45-13/14-Q	13N.m	14rpm	620mm	120V	130W	1.1A	IP44	Switch

AM45

AC Input Ultra Quiet Mechanical Limit RadioTubular Motor



- Mechanical limit
- Maximum limit circle is 45 circles
- Patented helical gearbox ensures the silent performance.
- UP to ± 2°C
Repeated positioning accuracy
- Patent double braking technology.
- Durable Design with more than 10,000 life cycles.

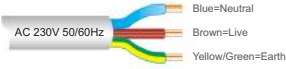
Extensive Functions

If work with 'A-OKAC520 smart bridge'

- Open/Close the shades at pre-set timing
- Shades status is visible
- Remote access
- Scenes control

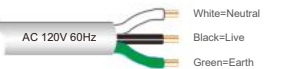
- RF remote control
- Group Individual control
- Dry contact control

230V AC 50/60Hz



Model No.	Rated Torque	Rated RPM	Tube Length A	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM45-3/28-Q-E	3N.m	28rpm	720mm	433MHz	230V	85W	0.4A	IP44	RF
AM45-6/28-Q-E	6N.m	28rpm	720mm	433MHz	230V	115W	0.5A	IP44	RF
AM45-8/19-Q-E	8N.m	19rpm	720mm	433MHz	230V	115W	0.5A	IP44	RF
AM45-13/14-Q-E	13N.m	14rpm	720mm	433MHz	230V	135W	0.6A	IP44	RF

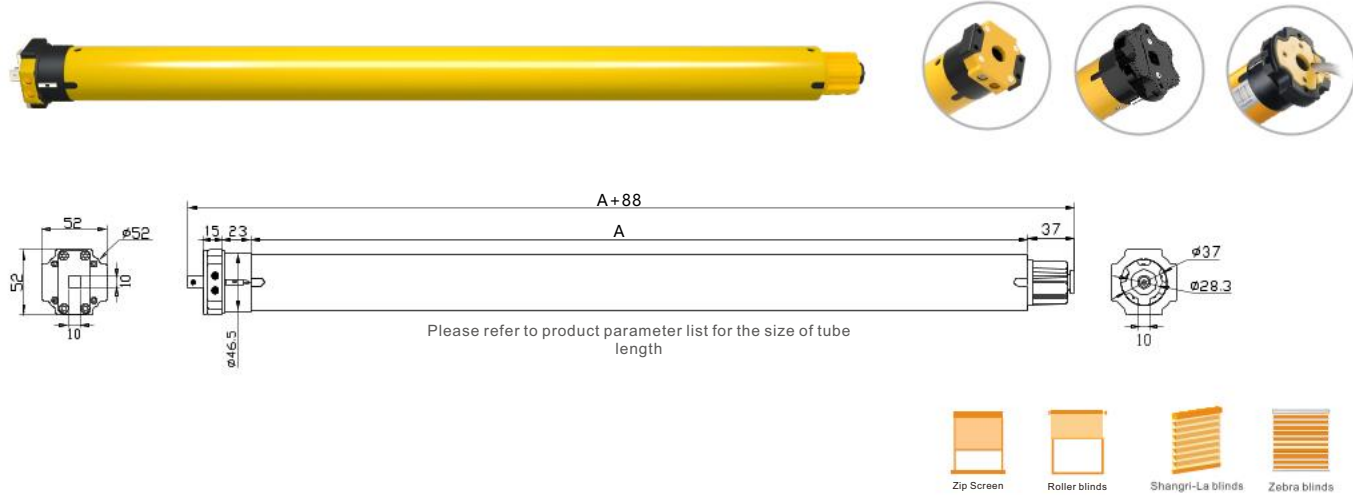
120V AC 60Hz



Model No.	Rated Torque	Rated RPM	Tube Length A	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM45-3/28-Q-E	3N.m	28rpm	720mm	433MHz	120V	120W	1.0A	IP44	RF
AM45-6/28-Q-E	6N.m	28rpm	720mm	433MHz	120V	130W	1.1A	IP44	RF
AM45-8/19-Q-E	8N.m	19rpm	720mm	433MHz	120V	130W	1.1A	IP44	RF
AM45-13/14-Q-E	13N.m	14rpm	720mm	433MHz	120V	130W	1.1A	IP44	RF

AM45

AC Input Ultra Quiet Electronic Limit Radio Tubular Motor



Automatic limit setting with remote control, convenient installation, maximum 6 limit positions can be set.

With patents design features of braking technology makes the movement smooth and silent.

Built-in Control board covered by sealed box, high Safety performance, compatible with leading industry hardware.

Motor direction is reversible
A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.

230V AC 50Hz

AC 230V 50/60Hz

Blue=Neutral
Brown=Live
Yellow/Green=Earth

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM45-3/28-Q-MEL	3N.m	28rpm	45mm	630mm	433MHz	230V	85W	0.4A	IP44	RF
AM45-6/28-Q-MEL	6N.m	28rpm	45mm	630mm	433MHz	230V	115W	0.5A	IP44	RF
AM45-8/19-Q-MEL	8N.m	19rpm	45mm	630mm	433MHz	230V	115W	0.5A	IP44	RF
AM45-13/14-MEL	13N.m	14rpm	45mm	630mm	433MHz	230V	135W	0.6A	IP44	RF

120V AC 60Hz

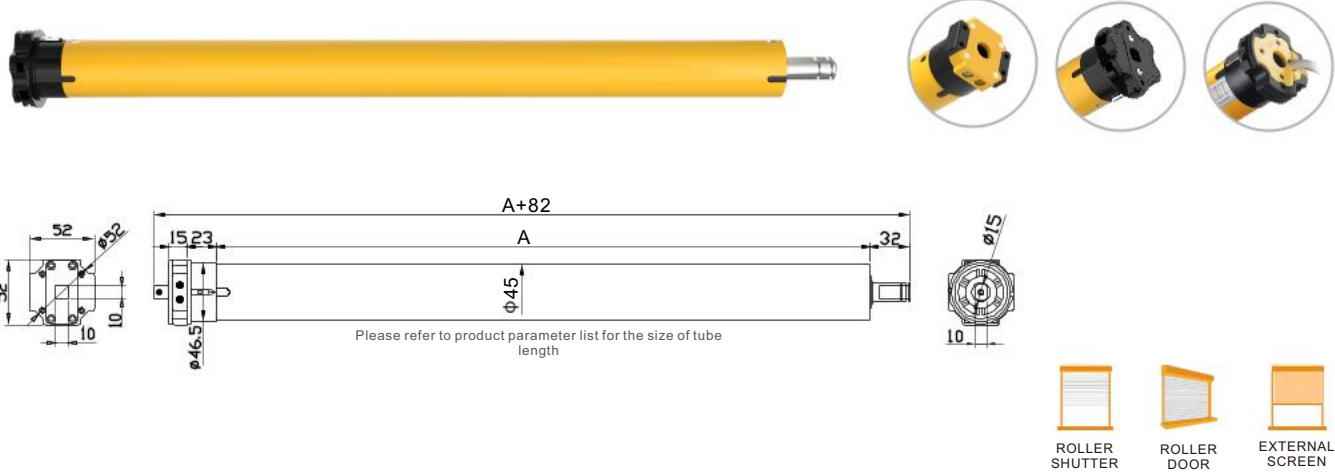
AC 120V 60Hz

White=Neutral
Black=Live
Green=Earth

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM45-3/28-Q-MEL	3N.m	28rpm	45mm	630mm	433MHz	120V	120W	1A	IP44	RF
AM45-6/28-Q-MEL	6N.m	28rpm	45mm	630mm	433MHz	120V	130W	1.1A	IP44	RF
AM45-8/19-Q-MEL	8N.m	19rpm	45mm	630mm	433MHz	120V	130W	1.1A	IP44	RF
AM45-13/14-MEL	13N.m	14rpm	45mm	630mm	433MHz	120V	130W	1.1A	IP44	RF

AM45

AC Input Mechanical Limit Motor



Mechanical limit switch & max. limit circle is 45 circles

Quite design, lower to 45dB

Reliable and easy adjustment of the limit switches.

Double breaking design with patent.

230V AC 50/60Hz

AC 230V 50/60Hz

Blue=Neutral
Black-Up/Down
Brown-Down/Up
Green/Yellow-Earth

120V AC 60Hz

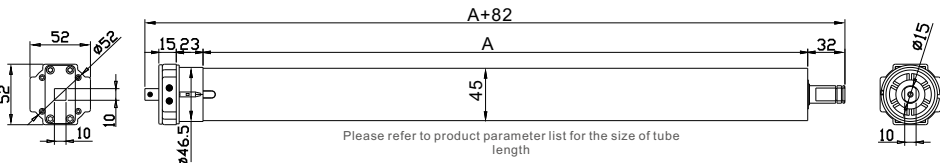
AC 120V 60Hz

White=Neutral
Black-Up/Down
Red-Down/Up
Green=Earth

Model NO.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated voltage	Rated Power	Rated Current	IP Class	Control
AM45-15/17	15N.m	17rpm	45mm	440mm	230V	145W	0.65A	IP44	Switch
AM45-15/30	15N.m	30rpm	45mm	502mm	230V	200W	0.9A	IP44	Switch
AM45-20/30	20N.m	30rpm	45mm	520mm	230V	250W	1.1A	IP44	Switch
AM45-20/17	20N.m	17rpm	45mm	482mm	230V	195W	0.85A	IP44	Switch
AM45-30/17	30N.m	17rpm	45mm	502mm	230V	200W	0.9A	IP44	Switch
AM45-40/12	40N.m	12rpm	45mm	502mm	230V	200W	0.9A	IP44	Switch
AM45-50/12	50N.m	12rpm	45mm	520mm	230V	250W	1.2A	IP44	Switch
AM45-10/17-S	10N.m	17rpm	45mm	370mm	230V	130W	1.1A	IP44	Switch
AM45-15/17-S	15N.m	17rpm	45mm	370mm	230V	150W	1.5A	IP44	Switch
AM45-15/17	15N.m	17rpm	45mm	440mm	120V	135W	1.2A	IP44	Switch
AM45-15/30	15N.m	30rpm	45mm	502mm	120V	200W	1.7A	IP44	Switch
AM45-20/30	20N.m	30rpm	45mm	520mm	120V	300W	2.5A	IP44	Switch
AM45-20/17	20N.m	17rpm	45mm	482mm	120V	170W	1.4A	IP44	Switch
AM45-30/17	30N.m	17rpm	45mm	502mm	120V	200W	1.7A	IP44	Switch
AM45-40/12	40N.m	12rpm	45mm	502mm	120V	200W	1.7A	IP44	Switch
AM45-50/12	50N.m	12rpm	45mm	520mm	120V	300W	2.5A	IP44	Switch

AM45

AC Input Mechanical Limit Radio Motor



 Mechanical limit switch with in-built receiver, reliable and easy adjustment of the limit switches.

 With patents design features of braking technology makes the movement smooth and silent.

 Maximum limit circle is 55 circles.

 High impact resistant relay, industrial-grade CPU, Working temperature -40°C~ +85°C.

 Optional Connections, wired switch, controls via radio.

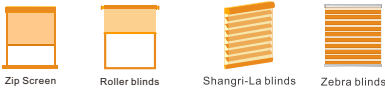
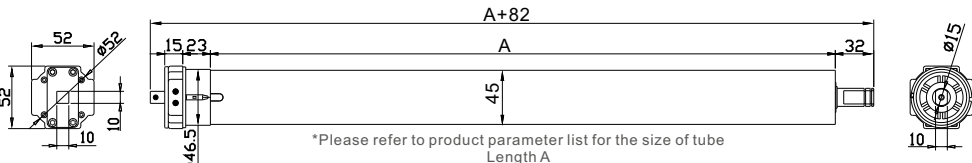
 Built-in superheterodyne receiving module, long control distance, strong anti-interference ability, receiving sensitivity -110dBm.



Model NO.	Rated Torque	Rated RPM	Tube Length A	Frequency	Rated voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM45-10/17-E	10N.m	17rpm	540mm	433MHz	230V	135W	0.6A	IP44	RF
AM45-15/17-E	15N.m	17rpm	540mm	433MHz	230V	145W	0.65A	IP44	RF
AM45-20/17-E	20N.m	17rpm	585mm	433MHz	230V	195W	0.85A	IP44	RF
AM45-30/17-E	30N.m	17rpm	600mm	433MHz	230V	200W	0.89A	IP44	RF
AM45-40/12-E	40N.m	12rpm	620mm	433MHz	230V	250W	1.089A	IP44	RF
AM45-50/12-E	50N.m	12rpm	620mm	433MHz	230V	250W	1.2A	IP44	RF
AM45-10/17-E	10N.m	17rpm	540mm	433MHz	120V	135W	1.15A	IP44	RF
AM45-15/17-E	15N.m	17rpm	540mm	433MHz	120V	135W	1.15A	IP44	RF
AM45-20/17-E	20N.m	17rpm	585mm	433MHz	120V	170W	1.4A	IP44	RF
AM45-30/17-E	30N.m	17rpm	600mm	433MHz	120V	200W	1.7A	IP44	RF
AM45-40/12-E	40N.m	12rpm	620mm	433MHz	120V	300W	2.5A	IP44	RF
AM45-50/12-E	50N.m	12rpm	620mm	433MHz	120V	300W	2.5A	IP44	RF

AM45

AC Input Electronic Limit Radio Motor



 Limit setting with remote control, convenient installation, maximum 6 limit positions can be set.

 With patents design features of braking technology makes the movement smooth and silent.

 Built-in Control board covered by sealed box, high Safety performance, compatible with leading industry hardware.

 High impact resistant relay, industrial-grade CPU, Working temperature -40°C~ +85°C.

 Support for various connections, that wiring control via dry contact and RS485, wireless control by remote, APP or Voice assistance

 Built-in superheterodyne receiving module, long control distance, strong anti-interference ability, receiving sensitivity -110dBm.



Model No.	Rated Torque	Rated RPM	Tube length A	Frequency	Rated Voltage	Rated Power	Rated Current	IP Class	Built-In Chip
AM45-10/17-MEL	10N.m	17rpm	444mm	433MHz	230V	135W	0.6A	IP44	RF
AM45-15/17-MEL	15N.m	17rpm	444mm	433MHz	230V	135W	0.6A	IP44	RF
AM45-20/17-MEL	20N.m	17rpm	464mm	433MHz	230V	195W	0.25A	IP44	RF
AM45-30/17-MEL	30N.m	17rpm	482mm	433MHz	230V	200W	0.89A	IP44	RF
AM45-40/12-MEL	40N.m	12rpm	494mm	433MHz	230V	250W	1.089A	IP44	RF
AM45-50/12-MEL	50N.m	12rpm	494mm	433MHz	230V	250W	1.2A	IP44	RF
AM45-10/17-MEL	10N.m	17rpm	444mm	433MHz	120V	135W	1.15A	IP44	RF
AM45-15/17-MEL	15N.m	17rpm	444mm	433MHz	120V	135W	1.15A	IP44	RF
AM45-20/17-MEL	20N.m	17rpm	464mm	433MHz	120V	170W	1.4A	IP44	RF
AM45-30/17-MEL	30N.m	17rpm	482mm	433MHz	120V	200W	1.7A	IP44	RF
AM45-40/12-MEL	40N.m	12rpm	494mm	433MHz	120V	300W	2.5A	IP44	RF
AM45-50/12-MEL	50N.m	12rpm	494mm	433MHz	120V	300W	2.5A	IP44	RF

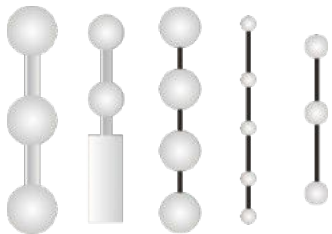
MOTORIZED
BEADED / CHAIN
ROLLER SHADES



AM43
Beaded / Chain Motor



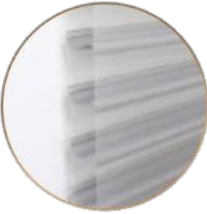
USB-C Charging Port
(5V DC input)



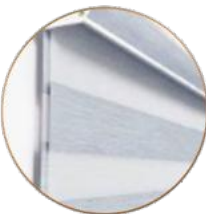
Bead chain diameter : 3-9mm
Cord diameter : 0.3-4mm



Venetian
Blind



Triple
Shade



Zebra
Shade



Roller
Shade



Honeycomb
Shade

5V DC

Motor Model	Motor Dimension	Speed	Max Loading	Rated Voltage	Battery Capacity	Rated power	IP class	Working Temperature	Built-In Chip
AM43-0.45/40-ES	167×43×37.5 mm	3.6cm/s	4.5KG (8KG for curtains)	DC 5V	1000mAh	7.5W	IP44	-10°C ~ +45°C	RF
AM43-0.45/40-ES-Z	167×43×37.5 mm	3.6cm/s	4.5KG (8KG for curtains)	DC 5V	1000mAh	7.5W	IP44	-10°C ~ +45°C	RF+ZigBee
AM43-0.45/40-ES-B	167×43×37.5 mm	3.6cm/s	4.5KG (8KG for curtains)	DC 5V	1000mAh	7.5W	IP44	-10°C ~ +45°C	RF+Bluetooth

CURTAIN MOTORS AND RAIL SYSTEM

Motorized Curtian System

DC Series Curtain Motor

AC Series Curtain Motor

Maglev Curtain Motor

Skylight Curtain Motor

Vertical Curtain Motor

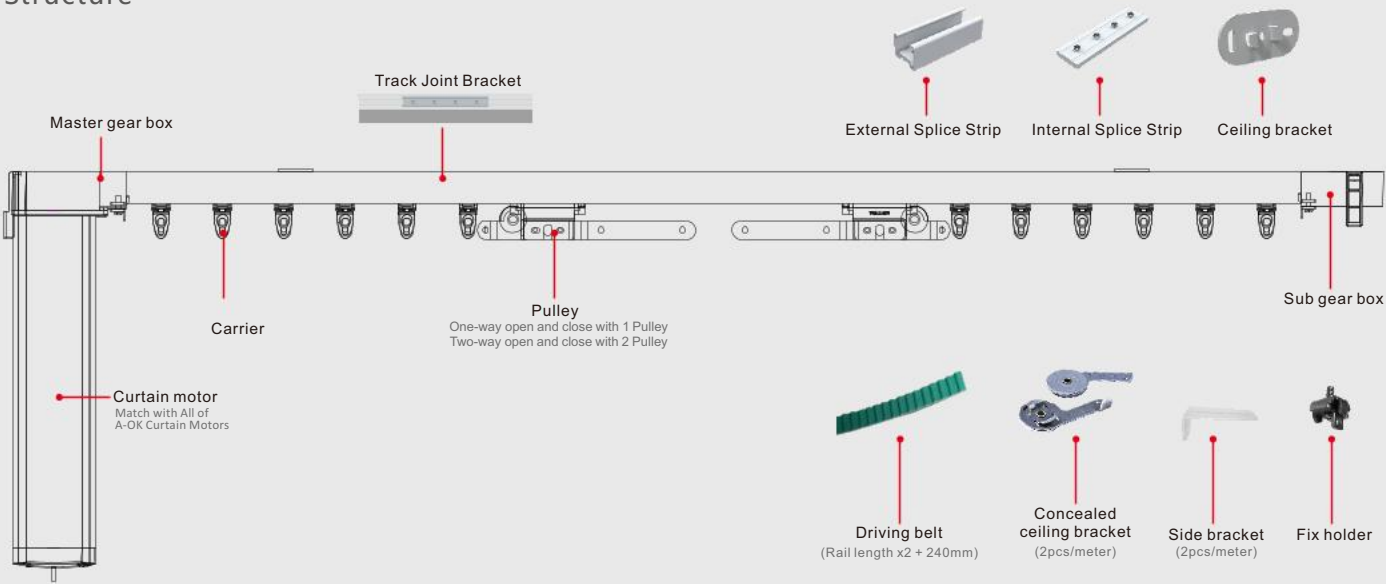




MOTORIZED CURTAIN

Motorized curtains also improve your home's privacy and security when integrated with the home automation system. Installing smart window treatments like motorized curtains in your home reduce energy consumption to a significant extent. Last but not least, you can creatively add lighting fixtures for creating a soft, relaxing atmosphere in the interior.

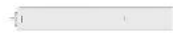
Structure



RECOMMENDED SOLUTION

01

Battery Curtain Motor



x1

Remote



x1

Charger



x1

Telescopic rail



x1

Radio
zigbee
Bluetooth

02

Battery Curtain Motor



x1

Remote



x1

Charger



x1

Customized track



x1

Radio
zigbee
Bluetooth

03

AC Curtain Motor



x1

Remote



x1

Telescopic rail



x1

Wired
Radio
zigbee
WiFi

04

AC Curtain Motor



x1

Remote



x1

Customized track



x1

Wired
Radio
zigbee
WiFi

05

Maglev Curtain Motor



x1

Remote



x1

Customized track



x1

Radio
zigbee
WiFi
KNX

06

Skylight Curtain Motor
(AM68-2/80-EC-P)



x1

Remote



x1

Radio

MOTORIZED AWNING
BENEFITS



Offer Security
Provides a private
space for your life



Integrate Into a Smart Home
Connects to multiple platforms for
interconnectivity



Convenient to Operate
Power your shading system with
the click of a button!



Energy-Efficient
Adjusting to the time of day, weather
conditions, and the temperature of your
home can help reduce energy consumption

GUIDELINES FOR CHOOSING A MOTOR



PRODUCT MATRIX

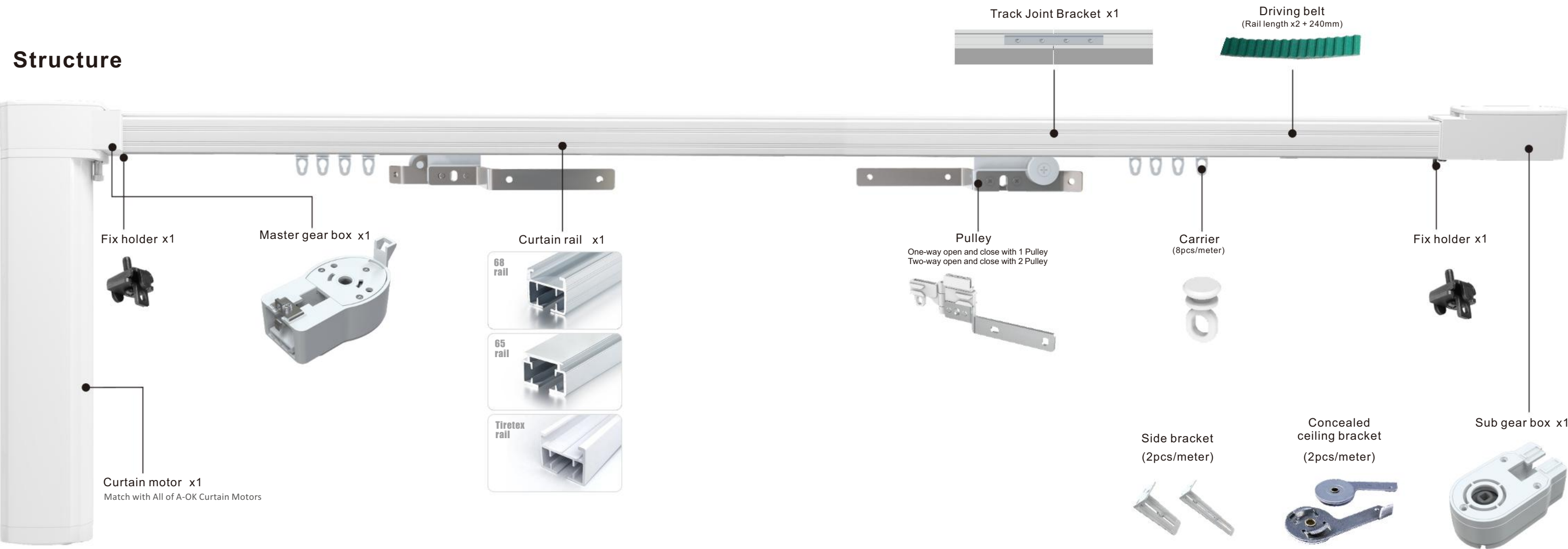
Selecting suitable motors for your shades,
please refer to the below
product matrix according to your needs

			Application				Power supply				Settings			Functions						Control				
			Straight rail	Curved rail	Skylight curtain	Vertical Blind with tilting	AC Powered	DC Powered	Embedded battery	External battery	Automatic end limit setting	End limit re-adjustment via remote	Tandem	Obstacle detection	Power off memory	Touch to go	Soft Start / Soft Stop	Silent	Manual operation in case of power failure	Zigbee	Remote 433MHz	Wall switch Control	RS485	KNX
Interior Curtain + Vertical Blinds	Page	Model name																						
AM47 AC Input Curtain Motor		AM47	●	●			●				●	●	●	●	●	●	●	●			●			
AM50 External Battery DC Curtain Motor		AM50-ES	●	●				●	●		●	●	●	●	●	●	●	●		●	●			
AM50 AC Input Curtain Motor		AM50	●	●			●				●	●	●	●	●	●	●	●			●			
AM68 AC Input Curtain Motor		AM68	●	●			●				●	●	●	●	●	●	●	●			●	●	●	
AM68 AC Input Skylight Curtain Motor		AM68-EC-P			●		●				●	●	●	●	●	●	●	●			●			
AM75 External Battery DC Curtain Motor		AM75-ES	●	●				●		●	●	●		●	●	●	●	●			●			
AM75 AC Input Curtain Motor		AM75	●	●			●				●	●	●	●	●	●	●	●		●	●	●	●	
AM93 AC Input Curtain Motor		AM93	●	●			●				●	●	●	●	●	●	●	●			●			
AM95 AC Input Maglev Curtain Motor		AM95	●	●			●				●	●	●	●	●	●	●	●			●	●	●	
AM97 AC Input Curtain Motor		AM97	●	●			●				●	●	●	●	●	●	●	●			●	●	●	
AM98 AC Input Maglev Curtain Motor		AM98	●	●			●				●	●	●	●	●	●	●	●			●	●	●	●
AM63 AC Vertical Blinds Motor		AM63	●			●	●				●	●		●	●	●	●	●		●	●			
AM63 DC Vertical Blinds Motor		AM63	●			●		●	●		●	●		●	●	●	●	●		●	●			

MOTORIZED CURTAIN SYSTEM

TRADITIONAL RAIL (MADE-TO-MEASURE LENGTH)

Structure



Features



Flexible, super silent design

The motor applies 3 patented silent technologies, operation noise is low to 30dB. Intelligent soft start and soft stop function enhanced the performance of quiet and flexible.



Stroke memoried function even power off

The industry's original "flash save" function, the motor will automatically save the current operating information at the moment of power failure. It prevents the curtain track from being pulled indiscriminately during a power off, and the curtain system will not bump left and right when the power is turned on again, which can increase the service life of the track system by 40%.



Memory function

The opening and closing stroke points are automatically set, and the best stopping position is easily reserved and memorized. It protects the components from being bumped and causes noise or damage, prolongs the service life of the system, and the stroke has a memory function even a power failure, it is intelligent design.



Touch to go

The mechanical clutch structure realizes the power-off hand-pulling function. When the power is off, it can be opened and closed by pulling it by hand, like ordinary manual curtains. When the power is on, the curtain can be gently pulled in one direction like 5CM, then the curtains will automatically open or close.



Stop on block

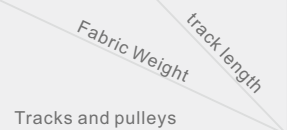
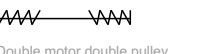
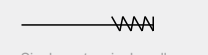
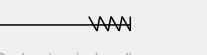
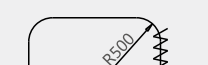
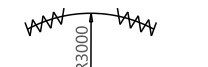
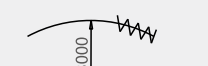
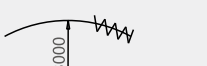
When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.



Fabric rebound journey correction

When the fabric rebound a little due to compression, the motor will memory the position as the new limit position automatically. The curtain looks natural and more beautiful.

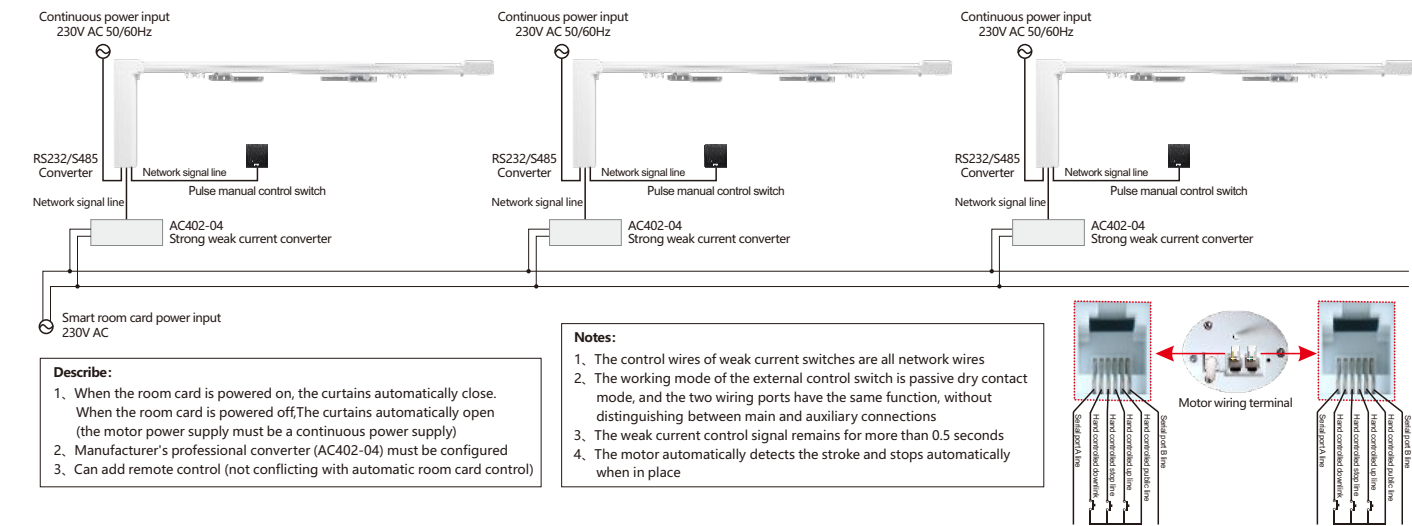
SINGLE/DOUBLE CURTAIN MOTOR BEARING PARAMETER TABLE

SINGLE MOTOR LOAD DIAGRAM	1.2N.m		1.5N.m		2N.m		DUAL MOTOR LOAD DIAGRAM	1.5N.m	2N.m
	4m	8m	4m	8m	4m	8m		12m	12m
Tracks and pulleys							Tracks and pulleys		
	48kg	44kg	60kg	55kg	90kg	82.5kg		90kg	135kg
Single motor double pulley							Double motor double pulley		
	40kg	36kg	50kg	45kg	75kg	67.5kg		70kg	105kg
Single motor single pulley							Dual motor single pulley		
	36kg	32kg	45kg	40kg	67.5kg	60kg		60kg	90kg
Single motor double pulley							Double motor double pulley		
	32kg	28kg	40kg	35kg	60kg	52.5kg		50kg	75kg
Single motor single pulley							Dual motor single pulley		
	28kg	24kg	35kg	30kg	52.5kg	45kg		40kg	60kg
Single motor double pulley							Double motor double pulley		
	24kg	20kg	30kg	25kg	45kg	37.5kg		30kg	45kg
Single motor single pulley							Dual motor single pulley		
	24kg	16kg	31kg	21kg	46.5kg	31.5kg		30kg	34.5kg
Single motor double pulley							Double motor double pulley		
	16kg	10kg	21kg	16kg				23kg	23kg
Single motor single pulley							Dual motor single pulley		

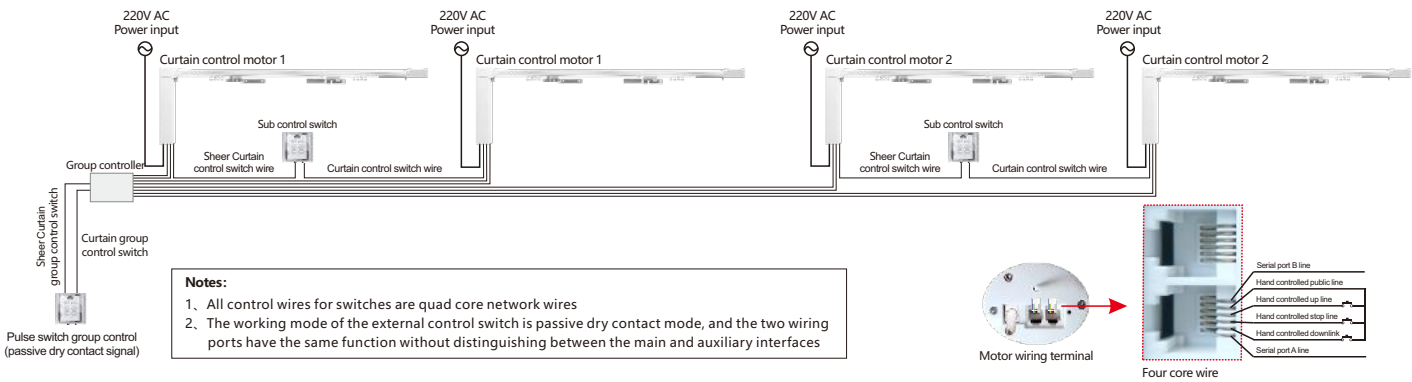
Curtain weight=weight square meters * Size (m ²) x folding rate
The maximum load weight diagram does not include friction between curtains and curtain tracks

INSTALLATION METHODS

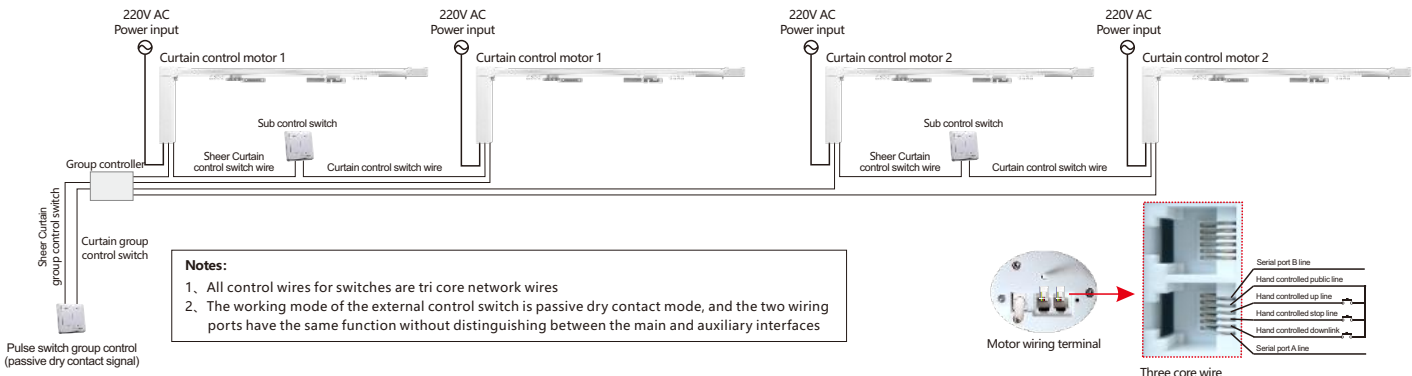
Intelligent room card power control wiring method (passive dry contact signal)



Four core wire curtain group control scheme (passive dry contact signal)



Three core wire curtain group control scheme (passive dry contact signal)



BATTERY POWERED CURTAIN MOTOR

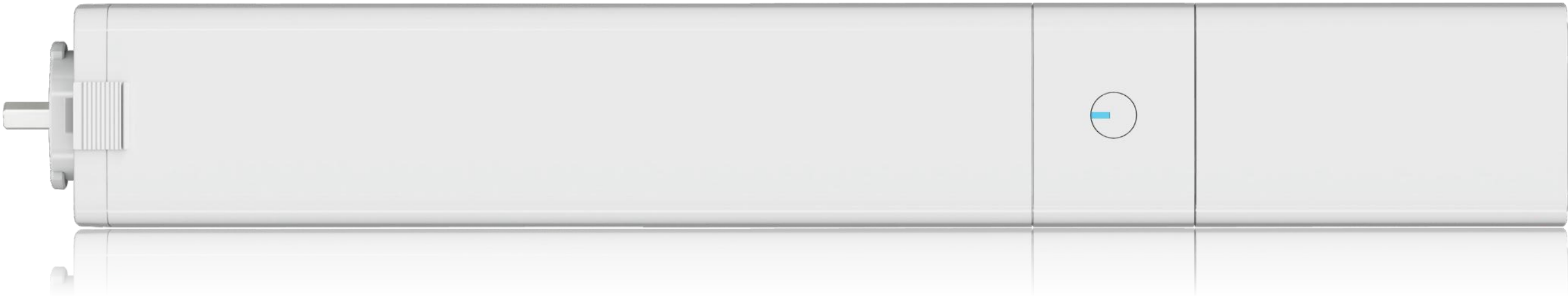
- E

Speed Adjustable

Motor speed is adjustable.
Higher speed/normal speed
and quiet running speed.
- F

Automatically Limit Setting

Don't need to set up the limits manually,
after the motor runs two cycles,
the motor can record the limits automatically



- A

Smart & smooth

- slow start & slow stop
 - One touch to go
 - Quiet design
- D

Obstacle Detection

When the fabric meeting any
physical block, the curtain will
stop automatically to protect
the whole system.
- G

Low Power Warning

Motor operation indication
light would turned to red to
remind low battery level.

- B

Multiple Control Methods

RF \ Zigbee \ Bluetooth \ Matter

 zigbee

 Bluetooth

 matter

RF

- C

Multiple Control Way
Bi-directional Communication









- H

USB-C Charging Port
(5V DC input)

Adapt the USB-C most popular
charging port, following energy
eco-friendly rules, make the
best compatible.

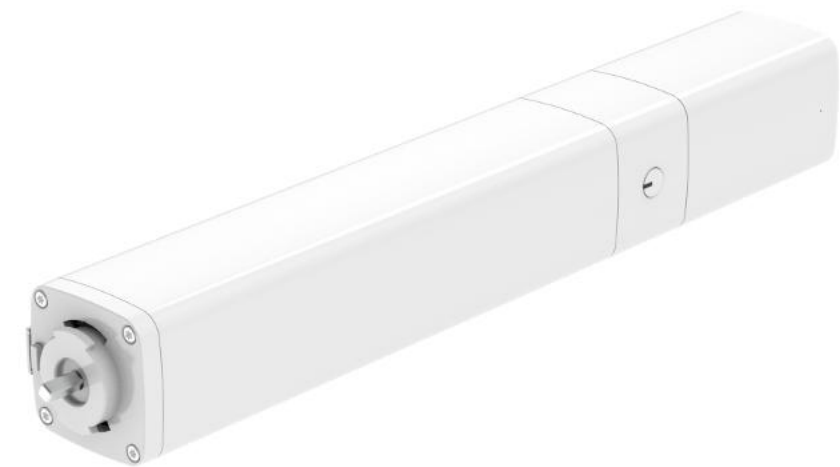
- I

Removable Battery
Pack design

The battery housing case can be
removed from motor;
detach the battery and do the charge
easily.

AM50

External Battery DC Curtain Motor



- Low power warning**
 - Motor will beep to indicate it needs charging.
- DC drive in the motor**
 - Input is wide voltage of 100-240V, more convenient to use.
 - DC drive is much silent when running.
 - Reduce the heat caused by long time of running, much safer.
 - DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.
- Touch-to-go motion**
 - Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately
- Various control options**
 - RF remote controllable.
 - Smart Phone App controllable.
 - Voice commands control.
 - Group control and Individual control.
- Fabric rebound& journey correction**
 - When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.
- Support power-off memory**
 - With memory function in case of a power outage, Power failures will not affect the limit settings
- Obstacle detection**
 - When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.
- Speed adjustable**
 - Motor speed is adjustable. Higher speed/normal speed and quiet running speed.
- The directions are reversible**
 - Suitable for various installation method.
- Automatically limit setting**
 - Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.

- RF remote control
- App control
- Voice control
- Physical switch control

5V DC												
Model No.	Rated Torque	Rated RPM	Battery capacity	Frequency	Speed	Charging current	Sleep current	Charging voltage	Rated power	Working temperature	IP Class	Built-In Chip
AM50-1.2/80-ES	1.2N.m	80rpm	14.8V DC 2600mAh	433MHz	12cm/s	1A	< 220uA	USB 5V	40W	0°C~+55°C	IP20	RF
AM50-1.2/80-ES-B	1.2N.m	80rpm	14.8V DC 2600mAh	433MHz	12cm/s	1A	< 220uA	USB 5V	40W	0°C~+55°C	IP20	RF+Bluetooth
AM50-1.2/80-ES-Z	1.2N.m	80rpm	14.8V DC 2600mAh	433MHz	12cm/s	1A	< 220uA	USB 5V	40W	0°C~+55°C	IP20	RF+ZigBee

AM75

External Battery DC Curtain Motor



- Energy saving design**
 - Powered by lithium battery pack.
- DC drive in the motor**
 - Input is wide voltage of 100-240V, more convenient to use.
 - DC drive is much silent when running.
 - Reduce the heat caused by long time of running, much safer.
 - DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.
- Touch-to-go motion**
 - Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately
- Various control options**
 - RF remote controllable.
 - Smart Phone App controllable.
 - Voice commands control.
 - Group control and Individual control.
- Fabric rebound& journey correction**
 - When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.
- Support power-off memory**
 - With memory function in case of a power outage, Power failures will not affect the limit settings
- Stop on block**
 - When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.
- Speed adjustable**
 - Flexible to adjust the motor's speed according to the actual shades dimension.
- The directions are reversible**
 - Suitable for various installation method.
- Automatically limit setting**
 - Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.

- RF remote control
- App control
- Voice control
- Physical switch control

14.8V DC								
Model No.	Rated Torque	Rated RPM	Frequency	Motor Size	Speed	Rated Power	IP Class	Built-In Chip
AM75-1.5/100-ES	1.5N.m	100rpm	433MHz	316x68x53mm	14cm/s	65W	IP20	RF
Motor Model	Motor Dimension	Output voltage	Battery capacity	voltage of charging	Max Current	Working temp		
AC702-01 Battery pack	165*85*23mm	14.8V DC	5200mAh	16.8V	4A	0°C~+55°C		

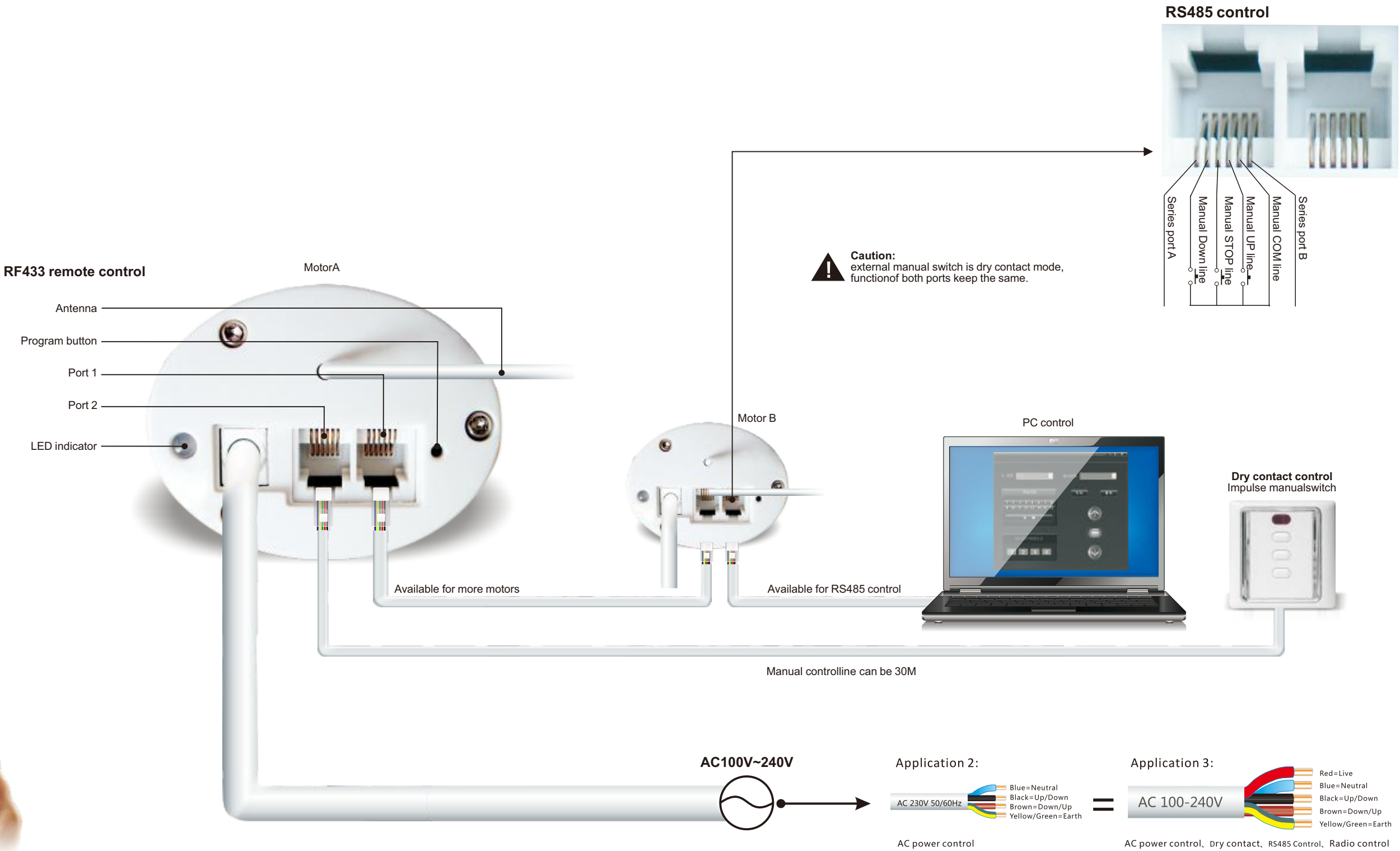
AC100-240V CURTAIN MOTOR



Wireless Technology

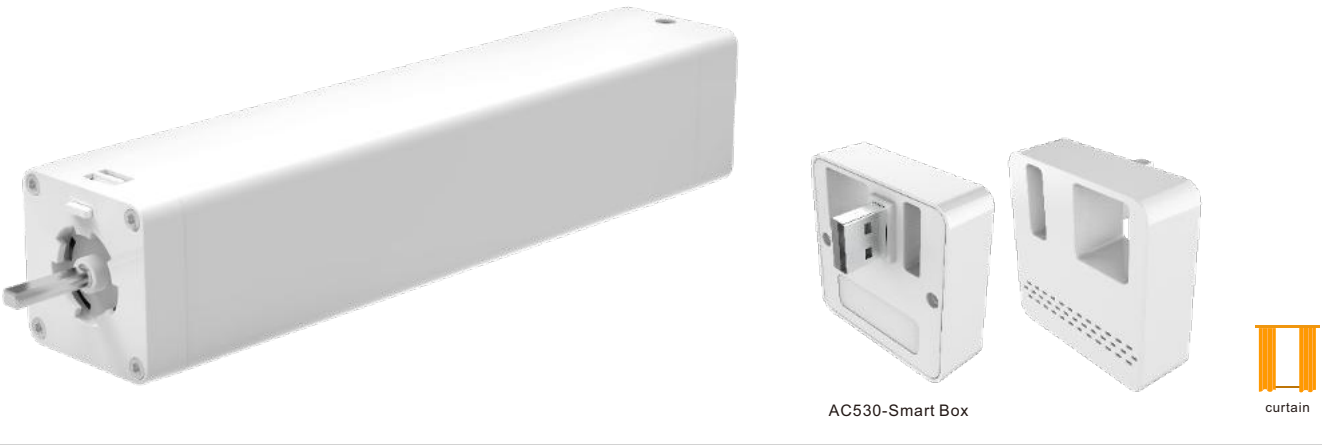


Wiring Technology



AM47

AC Input Curtain Motor



- DC drive in the motor**
 - Input is wide voltage of 100-240V, more convenient to use.
 - DC drive is much silent when running.
 - Reduce the heat caused by long time of running, much safer.
 - DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.
- Touch-to-go motion**
 - Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately
- Various control options**
 - RF remote controllable.
 - Voice commands control.
 - Smart Phone App controllable.
 - Group control and Individual control.
- Fabric rebound& journey correction**
 - When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.
- Support power-off memory**
 - With memory function in case of a power outage, Power failures will not affect the limit settings
- Stop on block**
 - When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.
- Speed adjustable**
 - Flexible to adjust the motor's speed according to the actual shades dimension.
- The directions are reversible**
 - Suitable for various installation method.
- Automatically limit setting**
 - Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.

- RF remote control
- App control
- Voice control
- Physical switch control
- RS485 control
Dry contact control

230V AC

Model No.	Rated Torque	Rated RPM	Frequency	Speed	Rated Power	IP Class	Built-In Chip
AM47-1.2/80-EM-P	1.2N.m	80rpm	433MHz	12cm/s	36W	IP20	RF
AM47-1.2/80-EM-P-W	1.2N.m	80rpm	433MHz	12cm/s	36W	IP20	RF+WiFi
AM47-1.2/80-EM-P-Z	1.2N.m	80rpm	433MHz	12cm/s	36W	IP20	RF+ZigBee
AM47-1.2/80-EM-P-K	1.2N.m	80rpm	433MHz	12cm/s	36W	IP20	RF+KNX

AM50

AC Input Curtain Motor



- DC drive in the motor**
 - Input is wide voltage of 100-240V, more convenient to use.
 - DC drive is much silent when running.
 - Reduce the heat caused by long time of running, much safer.
 - DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.
- Touch-to-go motion**
 - Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately
- Various control options**
 - RF remote controllable.
 - Voice commands control.
 - Smart Phone App controllable.
 - Group control and Individual control.
- Fabric rebound& journey correction**
 - When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.
- Support power-off memory**
 - With memory function in case of a power outage, Power failures will not affect the limit settings
- Stop on block**
 - When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.
- Speed adjustable**
 - Flexible to adjust the motor's speed according to the actual shades dimension.
- The directions are reversible**
 - Suitable for various installation method.
- Automatically limit setting**
 - Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.

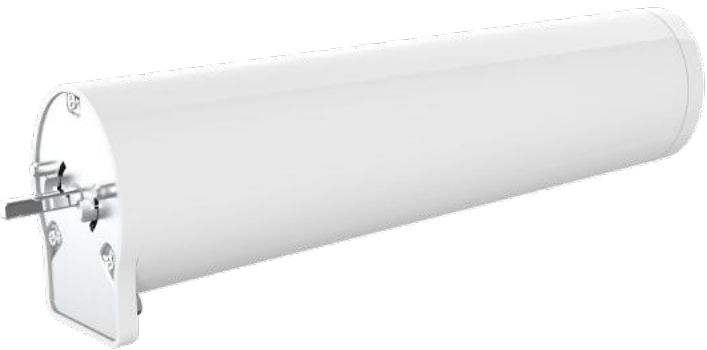
- RF remote control
- App control
- Voice control
- Physical switch control
- RS485 control
Dry contact control

100-240V AC

Model No.	Rated Torque	Rated RPM	Frequency	Speed	Rated Power	IP Class	Built-In Chip
AM50-1.2/100-EM-P	1.2N.m	100rpm	433MHz	14cm/s	40W	IP20	RF
AM50-1.2/100-EM-P-W	1.2N.m	100rpm	433MHz	14cm/s	40W	IP20	RF+WiFi
AM50-1.2/100-EM-P-Z	1.2N.m	100rpm	433MHz	14cm/s	40W	IP20	RF+ZigBee

AM68

AC Input Curtain Motor



DC drive in the motor

- Input is wide voltage of 100-240V, more convenient to use.
- DC drive is much silent when running.
- Reduce the heat caused by long time of running, much safer.
- DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.



Touch-to-go motion

- Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately



Various control options

- RF remote controllable.
- Smart Phone App controllable.
- Voice commands control.
- Group control and Individual control.



Fabric rebound& journey correction

- When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.



Support power-off memory

- With memory function in case of a power outage, Power failures will not affect the limit settings



Stop on block

- When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.



Speed adjustable

- Flexible to adjust the motor's speed according to the actual shades dimension.



The directions are reversible

- Suitable for various installation method.



Automatically limit setting

- Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.



RF remote control



App control



Voice control



Physical switch control



RS485 control
Dry contact control

100-240V AC

Model No.	Rated Torque	Rated RPM	Frequency	Speed	Rated Power	IP Class	Built-In Chip
AM68-1.5/100-EM-P	1.5N.m	100rpm	433MHz	14cm/s	65W	IP20	RF
AM68-1.5/100-EM-P-W	1.5N.m	100rpm	433MHz	14cm/s	65W	IP20	RF+WiFi
AM68-1.5/80-EM-P-Z	1.5N.m	80rpm	433MHz	14cm/s	65W	IP20	RF+ZigBee
AM68-1.5/80-EM-GP	1.5N.m	80rpm	433MHz	14cm/s	65W	IP20	RF+Wired

AM75

AC Input Curtain Motor



DC drive in the motor

- Input is wide voltage of 100-240V, more convenient to use.
- DC drive is much silent when running.
- Reduce the heat caused by long time of running, much safer.
- DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.



Touch-to-go motion

- Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately



Various control options

- RF remote controllable.
- Smart Phone App controllable.
- Voice commands control.
- Group control and Individual control.



Fabric rebound& journey correction

- When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.



Support power-off memory

- With memory function in case of a power outage, Power failures will not affect the limit settings



Stop on block

- When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.



Speed adjustable

- Flexible to adjust the motor's speed according to the actual shades dimension.



The directions are reversible

- Suitable for various installation method.



Automatically limit setting

- Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.



RF remote control



App control



Voice control



Physical switch control



RS485 control
Dry contact control

100-240V AC

Model No.	Rated Torque	Rated RPM	Frequency	Speed	Rated Power	IP Class	Built-In Chip
AM75-1.5/100-EM-P	1.5N.m	100rpm	433MHz	14cm/s	65W	IP20	RF
AM75-1.5/100-EM-GP	1.5N.m	100rpm	433MHz	14cm/s	65W	IP20	RF+Wired
AM75-1.5/100-EM-P-W	1.5N.m	100rpm	433MHz	14cm/s	65W	IP20	RF+WiFi
AM75-1.5/100-EM-P-Z	1.5N.m	100rpm	433MHz	14cm/s	65W	IP20	RF+Zigbee

AM95

AC Input Maglev Curtain Motor



Ultra-Quiet design

- Three patents ensure the ultra-Quiet designing, silent running by 25dB only.



Adopt double rolling bearing structure

- Ensure the whole system driving steady and silent.



DC drive in the motor

- Input is wide voltage of 100-240V, more convenient to use.
- DC drive is much silent when running.
- Reduce the heat caused by long time of running, much safer.
- DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.



Touch-to-go motion

- Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately



Various control options

- RF remote controllable.
- Smart Phone App controllable.
- Voice commands control.
- Group control and Individual control.



Fabric rebound& journey correction

- When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.



The directions are reversible

- Suitable for various installation method.



Automatically limit setting

- Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.



RF
remote control



App
control



Voice
control



Physical switch
control



RS485 control
Dry contact control

100-240V AC

Model No.	Rated Torque	Rated RPM	Frequency	Speed	Motor Size	Rated Power	IP Class	Built-In Chip
AM95-1/100-ML-P	1N.m	100rpm	433MHz	16cm/s	215.5x95x56mm	96W	IP20	RF
AM95-1/100-ML-GP	1N.m	100rpm	433MHz	16cm/s	215.5x95x56mm	96W	IP20	RF+Wired

AM98

AC Input Maglev Curtain Motor



Ultra-quiet design

- Three patents ensure the ultra-Quiet designing, silent running by 25dB only.



DC drive in the motor

- Input is wide voltage of 100-240V, more convenient to use.
- DC drive is much silent when running.
- Reduce the heat caused by long time of running, much safer.
- DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.



Touch-to-go motion

- Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately



Various control options

- RF remote controllable.
- Smart Phone App controllable.
- Voice commands control.
- Group control and Individual control.



Fabric rebound& journey correction

- When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.



- KNX Control Option



Adopt double rolling bearing structure

- Ensure the whole system driving steady and silent.



Support power-off memory

- With memory function in case of a power outage, Power failures will not affect the limit settings



Stop on block

- When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.



Speed adjustable

- Flexible to adjust the motor's speed according to the actual shades dimension.



The directions are reversible

- Suitable for various installation method.



Automatically limit setting

- Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.



RF
remote control



App
control



Voice
control



Physical switch
control



RS485 control
Dry contact control

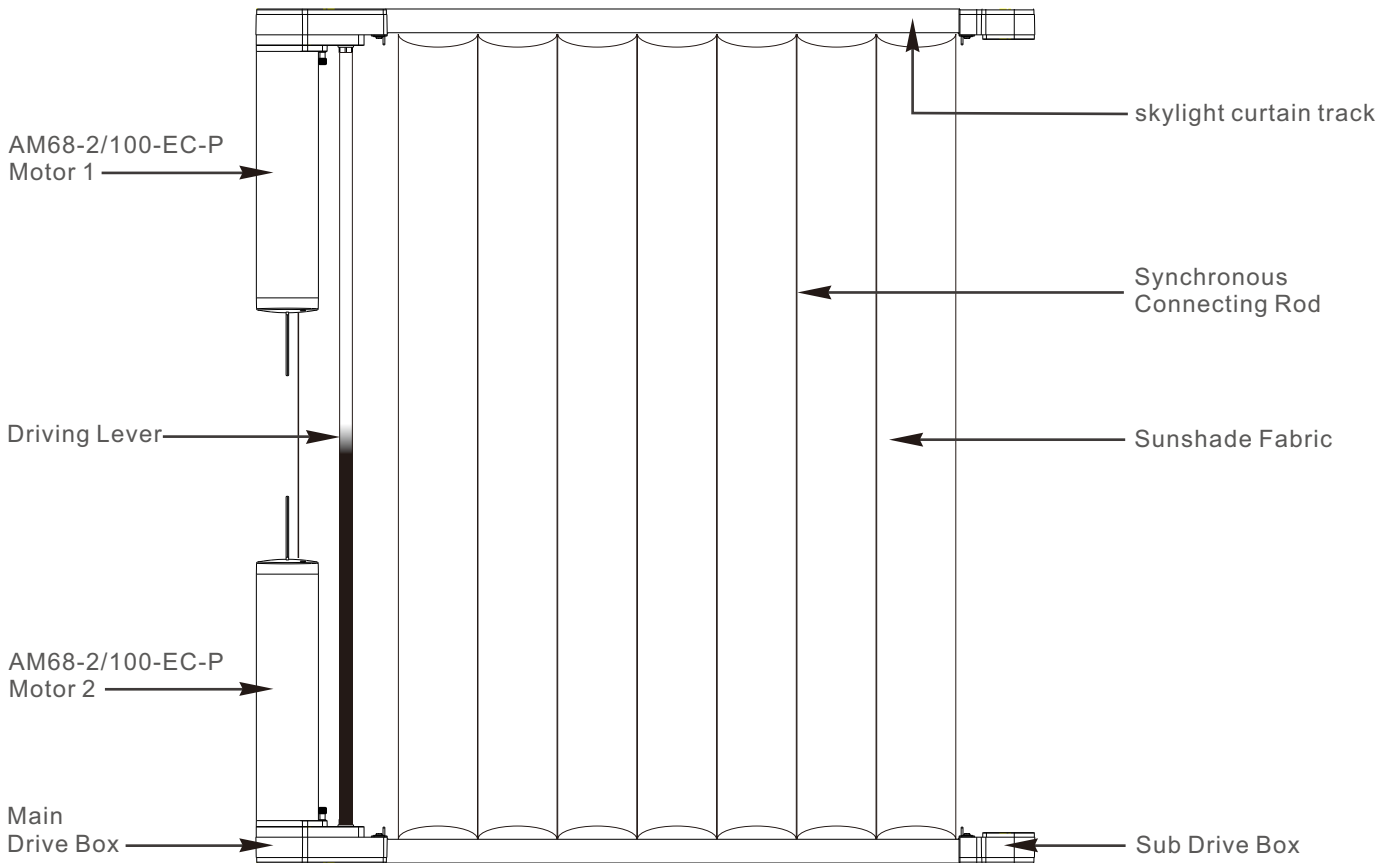
100-240V AC

Model No.	Rated Torque	Rated RPM	Frequency	Speed	Motor Size	Rated Power	IP Class	Built-In Chip
AM98-1.5/100-ML-P	1.5N.m	100rpm	433MHz	16cm/s	257x96x57mm	96W	IP20	RF
AM98-1.5/100-ML-GP	1.5N.m	100rpm	433MHz	16cm/s	257x96x57mm	96W	IP20	RF+Wired
AM98-1.5/100-KNX	1.5N.m	100rpm	433MHz	16cm/s	257x96x57mm	96W	IP20	RF+KNX

MOTORIZED SKYLIGHT CURTAIN (CEILING)

Match with No clutch AM68-EC-P Curtain Motors

Structure



Note: the maximum size is 25m².

Application Feature

- **Application:** inclined/curved/horizontal glass ceiling windows.
- **Installation requirements:** Each width is 0.65-2.5m, the length of each width is ≤10m, and the area of a single width is ≤25m².
- **Motor:** Motors with different powers are selected according to the ceiling window's length. Each ceiling can use two or four motors.
- **Control:** radio remote control (single control or group control)/physical manual switch.
- **Note:** When selecting an arc mechanism, please note that the minimum radius of the arc rail is 350mm. When measuring the length, you need to measure the arc height and chord length.

AM68

AC Input Skylight Curtain Motor



DC driver in the motor

- Input is wide voltage of 100-240V, more convenient to use.
- DC driver is much silent when running.
- Reduce the heat caused by long long time of running, much safer.
- DC driver bring the function of soft start&stop, to protect the machine, and extend motor's life.



Various control options

- RF remote controllabile.
- Smart Phone App controllabile.
- Voice commands control.
- Group control and Individual control.



Fabric rebound& journey correction

- When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.



Support power-off memory

- With memory function in case of a power outage, Power failures will not affect the limit settings



Stop on block

- When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.



The directions are reversible

- Suitable for various installation method.



Automatically limit setting

- Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.



RF remote control



App control



Voice control



Physical switch control



RS485 control
Dry contact control

100-240V AC

Model No.	Rated Torque	Rated RPM	Frequency	Speed	Motor Size	Rated Voltage	Rated Power	IP Class	Built-In Chip
AM68-2/80-EC-P	2N.m	80rpm	433MHz	12cm/s	316x68x53mm	100-240V	65W	IP20	RF

AM93

AC Input Curtain Motor



Mini size



curtain



DC drive in the motor

- Input is wide voltage of 100-240V, more convenient to use.
- DC drive is much silent when running.
- Reduce the heat caused by long time of running, much safer.
- DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.



Touch-to-go motion

- Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately



Various control options

- RF remote controllable.
- Smart Phone App controllable.
- Voice commands control.
- Group control and Individual control.



Fabric rebound& journey correction

- When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.



Support power-off memory

- With memory function in case of a power outage, Power failures will not affect the limit settings



Stop on block

- When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.



Speed adjustable

- Flexible to adjust the motor's speed according to the actual shades dimension.



The directions are reversible

- Suitable for various installation method.



Automatically limit setting

- Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.



RF remote control



App control



Voice control



RS485 control
Dry contact control

100-240V AC

Model No.	Rated Torque	Rated RPM	Frequency	Speed	Rated Power	IP Class	Built-In Chip
AM93-1.2/80-EM-P	1.2N.m	80rpm	433MHz	12cm/s	36W	IP20	RF
AM93-1.2/80-EM-P-W	1.2N.m	80rpm	433MHz	12cm/s	36W	IP20	RF+WiFi
AM93-1.2/80-EM-P-Z	1.2N.m	80rpm	433MHz	12cm/s	36W	IP20	RF+ZigBee

AM97

AC Input Curtain Motor



Single motor dual track system



Day and night curtain



DC drive in the motor

- Input is wide voltage of 100-240V, more convenient to use.
- DC drive is much silent when running.
- Reduce the heat caused by long time of running, much safer.
- DC drive bring the function of soft start&stop, to protect the machine, and extend motor's life.



Touch-to-go motion

- Power on the motor, and pull the curtain forward more than 5cm, the motor will work immediately



Various control options

- RF remote controllable.
- Smart Phone App controllable.
- Voice commands control.
- Group control and Individual control.



Fabric rebound& journey correction

- When the fabric rebound due to the obstacle, the motor will memory it as a new limit position, which helps to keep the curtain fabric in the best looking.



Support power-off memory

- With memory function in case of a power outage, Power failures will not affect the limit settings



Stop on block

- When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.



Speed adjustable

- Flexible to adjust the motor's speed according to the actual shades dimension.



The directions are reversible

- Suitable for various installation method.



Automatically limit setting

- Don't need to set up the limits manually, after the motor runs two cycles, the motor can record the limits automatically.



RF remote control



App control



Voice control



Physical switch control



RS485 control
Dry contact control

100-240V AC

Model No.	Rated Torque	Rated RPM	Frequency	Speed	Rated Power	IP Class	Built-In Chip
AM97-1.2/80-EM-P	1.2N.m	80rpm	433MHz	12cm/s	66W	IP20	RF
AM97-1.2/80-EM-P-W	1.2N.m	80rpm	433MHz	12cm/s	66W	IP20	RF+WiFi
AM97-1.2/80-EM-P-Z	1.2N.m	80rpm	433MHz	12cm/s	66W	IP20	RF+ZigBee

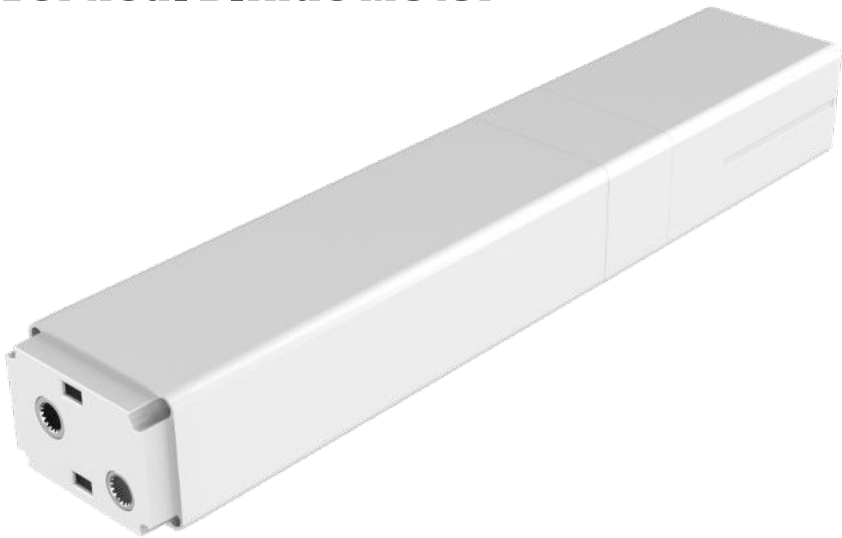
MOTORIZED VERTICAL BLINDS

MOTORIZED SHADES FOR SMART HOME LIVING

If you're looking for a window covering that will give you great flexibility and a stunning look, vertical blinds are a great option. A-OK new generation AM63 vertical blinds motor represents the pinnacle of motorized solution. The innovative streamlined design with latest functionality provides you excellent comfort experience.

AM63

Vertical Blinds Motor



Flexible power supply

- The vertical blinds motor supports multiple power supply such as AC 90-240V wide voltage input module, lithium battery module and adapter DC direct supply. Its common platform design allows users to adapt to AC and DC power supply by simply replacing the power pack to meet the needs of use in different scenarios.



Silent operation

- The motor uses advanced brake technology to ensure that the blinds are smooth and noiseless during opening and closing. Its operating speed reaches 15cm/s. Even when handling a one-way operation curtain with a width of 7 meters, the whole stroke only takes 42 seconds.



Built-in program upgrade expansion port

- The motor comes with a built-in program upgrade expansion port, which allows users to update the functions and performance of the motor at any time. OTA function will be supported, so that the motor can continuously adapt to the development of new technologies and new demands and maintain its leading market position.



Powerful driving capability

- The motor has an industry-leading 1N capability, and the dimming function is more precise and consistent. The motor supports precise dimming from 0° to 180°, and all slats can be adjusted to the same angle synchronously when rotating to achieve perfect light and shadow effects.



Metal dimming transmission gear

- The all-metal dimming transmission gear ensures the long-term stable operation of the motor and ultra-long life, meeting the aging requirements of more than 20,000 times of 7-meter track.



Invisible installation

- The top installation bracket adopts zero gap design, the invisible installation bracket makes the top of the track flush with the wall to be installed, which is beautiful and elegant. The motor and the track in parallel installation, which improves the overall aesthetics.



RF
remote control



App
control



Voice
control



RS485 control
Dry contact control

12V DC

Model No.	Rated Torque	Rated RPM	Frequency	Lithium Battery capacity	Running Speed	Rated Voltage	Rated Power	Working Temperature	IP Class	Built-In Chip
AM63-1/80-ES	1Nm	80rpm	433MHz	3500mAh	15cm/s	AC100-240V	18W	-10°C~+40°C	IP20	RF
AM63-1/80-EM-P	1Nm	80rpm	433MHz	/	15cm/s	AC100-240V	18W	-10°C~+40°C	IP20	RF
AM63-1/80-EM-P-W	1Nm	80rpm	433MHz	/	15cm/s	AC100-240V	18W	-10°C~+40°C	IP20	RF+WiFi
AM63-1/80-EM-P-Z	1Nm	80rpm	433MHz	/	15cm/s	AC100-240V	18W	-10°C~+40°C	IP20	RF+Zigbee

VENETIAN BLINDS MOTOR

Motorized Venetian & Pleated Shades

Motorized Top Down Bottom Up
Cellular Shades

Motorized Skylight Cellular Shades

Motorized Double Glazing Shades

Motorized Plantation Shutter

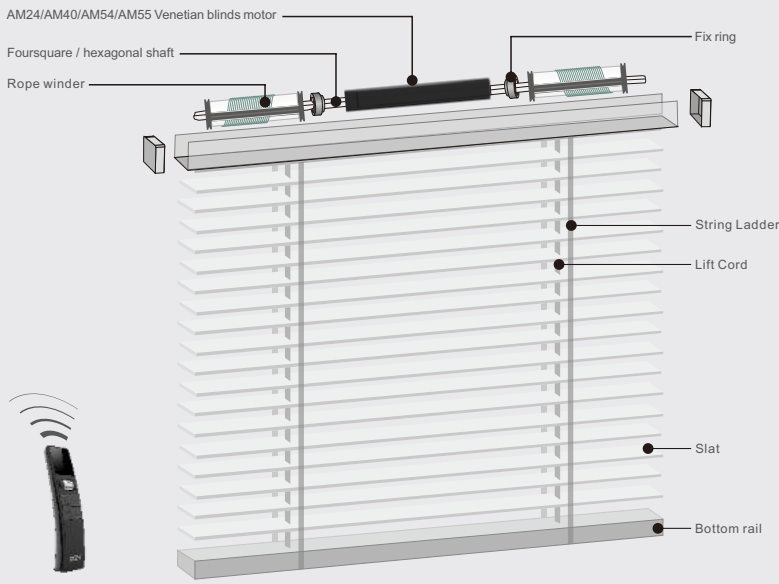




MOTORIZED PLEATED & VENETIAN BLIND

The motorized blinds system can be operated by remote control, users do not need to go to the window to manually adjust the angle and height of the blinds. Simply press the remote control button to open and close the blinds and adjust the amount of light entering the room. Some advanced motorized blinds can also be connected to the smart home system, through the cell phone APP or voice control. Operated by voice command, it greatly improves the convenience of use. Precise control of light and privacy. The angle of the blades of motorized blinds can be precisely adjusted. Users are able to precisely control the opening and closing angle of the blades according to the position of the sun and the intensity of the light, in order to achieve the ideal lighting effect.

Structure



RECOMMENDED SOLUTION

01

Mechanical Limit DC Motor	Switch	Power Supply Transformer AC801-03	Limit Controller	Wired
x1	x1	x1	x1	

02

Electronic Limit DC motor	Remote	Power Supply Transformer AC801-03		Radio
x1	x1	x1		

03

Electronic Limit Battery motor	Remote	Solar Panel	Battery pack AC704-01	Charger	Radio
x1	x1	x1 (Optional)	x1	x1 (Optional)	ENERGY CONSERVATION

04

Electronic Limit TDBU motor	Remote	Power Supply Transformer AC801-03	OR	Remote	Battery pack AC704-01	Charger	Radio
x1	x1	x1		x1	x1	x1 (Optional)	ENERGY CONSERVATION

05

Electronic Limit DC Skylight motor	Remote	Power Supply Transformer AC801-03		Radio
x1	x1	x1		

06

Mechanical Limit DC double glazing motor	Remote	Controller box AC295-01	Limit Controller	Charger	Radio
x1	x1	x1	x1	x1 (Optional)	

07

Electronic Limit Tubular Motor	Remote	OR	Remote	Solar Panel	Charger	Radio
x1	x1		x1	x1 (Optional)	x1 (Optional)	zigbee Wi-Fi ENERGY CONSERVATION

08

Electronic Limit DC Motor for Wooden Venetian	Remote	Power Supply Transformer AC801-03		Radio
x1	x1	x1		

09

Electronic Limit DC Motor only for Tilting	Remote	Battery pack AC711-01	Charger	Radio
x1	x1	x1	x1 (Optional)	

MOTORIZED ZIP SCREEN BENEFITS



Energy-Efficient

Motorized blinds with its good shading performance helps to reduce the energy consumption of air conditioning, lighting and other equipment to reduce energy consumption



Block UV Rays

Blocks up to 99% of UV rays



Personalized Customization

Users can choose different curtain materials, colors, patterns, etc., according to their own preferences and needs to meet personalized needs



Safety

It can be opened or closed randomly at any time according to the need, and the blade design has a good shading effect, which can protect the privacy of the room from being invaded

GUIDELINES FOR CHOOSING A MOTOR



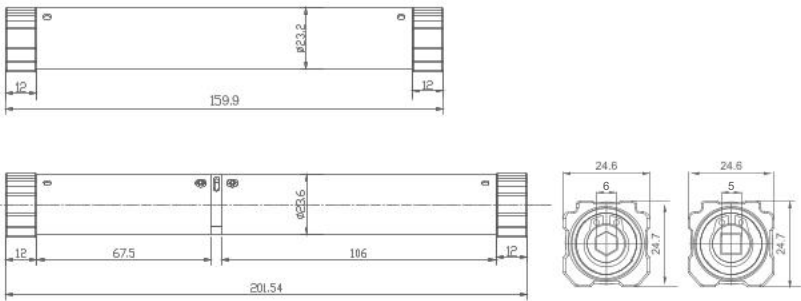
PRODUCT MATRIX

Selecting suitable motors for your shades,
please refer to the below
product matrix according to your needs

			Application							Power supply			Settings					Functions				Control								
			Roman blind	Pleated blind / Honeycomb	Venetian Blind	Between glass Venetian Blind	TDBU	Skylight	Wooden Venetian Blind	Plantation Shutter	DC Powered	External battery	Solar possibility	Electronic end limit setting via remote	Mechanical end limits setting	Automatic end limit settings	Single Shaft	Double Shaft	Favourite possition	Soft Start & Soft Stop	Battery capacity [mAh]	Charging frequency [per year]	Fabric destress	Quiet	Zigbee	Remote 433MHz	Bluetooth	Matter	Wall switch Control	
Product Name	Page	Model name																												
AM24 DC Input Electronic Limit Motor		AM24 -EL	●	●	●			●			●			●			●	●	●	●						●	●	●		
AM24 Battery Electronic Limit Motor		AM24 -ES-I	●	●	●			●			●	●		●			●	●	●	●	650	2				●	●	●		
AM24 Mechanical Limit Motor(Single Shaft)		AM24 -I	●	●	●						●				●		●			●									●	
AM24 Mechanical Limit Motor(Double Shaft)		AM24 -II	●	●	●						●				●			●		●									●	
AM24 Battery Electronic Limit TDBU Motor		AM24 -ES-I					●				●	●		●			●		●	●	650	4				●	●	●		
AM24 DC Input Electronic Limit TDBU Motor		AM24 -EL-I					●				●			●			●		●	●						●				
AM24 DC Input Electronic Limit Motor (Special for Skylight)		AM24 -EL-SS-II						●			●			●		●		●	●	●			1			●				
AM19 Mechanical Limit DC Double Glazing Motor		AM19				●					●				●		●			●						●			●	
AM40 Electronic Limit Radio DC Motor Lifting And Tilting Functions		AM40							●		●			●				●	●	●	●					●				
AM54 Electronic Limit Radio DC Motor Tilting Function Only		AM54							●		●			●						●	2600	2				●				
AM20 Plantation Shutter DC Motor		AM20								●	●	●		●		●				●	900	2				●	●	●		

AM24

DC Input Electronic Limit Motor



- Motor direction is reversible**
A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.
- Auto correct the displacement**
Hall sensor in electronic limit motors, will automatically detect and correct the limit positions deviation
- NGWN patented gear box**
NGWN gear box design, self-lock design to avoid shades slippery.
- Soft start and soft stop
- Jog and continuous rolling adjustment
- Top and bottom limits, plus 4 favorite stop positions.
- Stroke memory function
- Overload Protection

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If the motor has built-in smart chipset

- Open/Close the blinds at pre-set timing
- Blinds status is visible
- Remote access
- Scenes control

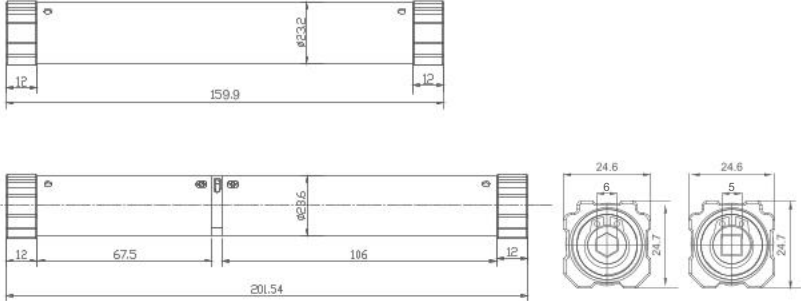
- RF remote control
- App control
- Voice control
- Group Individual control



24V DC										
Motor Model	Rated Torque	Rated RPM	Frequency	Rated Voltage	Minimum Working Voltage	Rated Current	Working Time	Working Temperature	IP Class	Built-In Chip
AM24-0.6/34-EL-I	0.6N.m	34rpm	433MHz	DC24V	20V	500mA	5mins	-20°C~+80°C	IP44	RF
AM24-1/34-EL-II	1N.m	34rpm	433MHz	DC24V	20V	500mA	5mins	-20°C~+80°C	IP44	RF

AM24

Battery Electronic Limit Motor



- Motor direction is reversible**
A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.
- Auto correct the displacement**
Hall sensor in electronic limit motors, will automatically detect and correct the limit positions deviation
- NGWN patented gear box**
NGWN gear box design, self-lock design to avoid shades slippery.
- Soft start and soft stop
- Jog and continuous rolling adjustment
- Top and bottom limits, plus 4 favorite stop positions.
- Stroke memory function
- Overload Protection

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If the motor has built-in smart chipset

- Open/Close the blinds at pre-set timing
- Blinds status is visible
- Remote access
- Scenes control

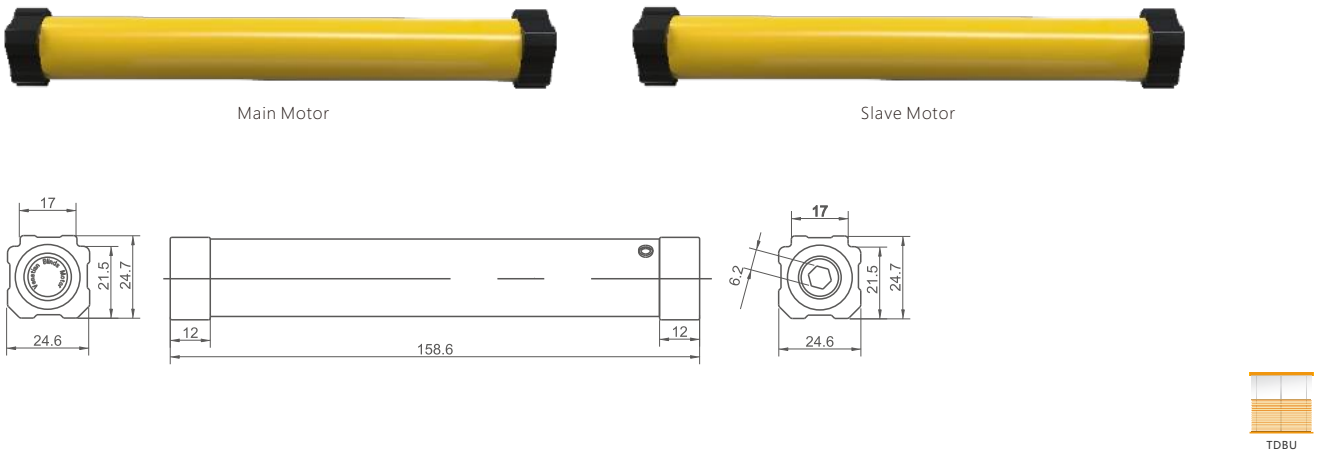
- RF remote control
- App control
- Voice control
- Group Individual control



7.4V DC										
Motor Model	Rated Torque	Rated RPM	Frequency	Rated Voltage	Minimum Working Voltage	Rated Current	Working Time	Working Temperature	IP Class	Built-In Chip
AM24-0.6/34-ES-I	0.6N.m	34rpm	433MHz	7.4V	20V	1.2A	5mins	-20°C~+80°C	IP44	RF
AM24-0.8/34-ES-II	0.8N.m	34rpm	433MHz	7.4V	20V	1.4A	5mins	-20°C~+80°C	IP44	RF

AM24

Battery Electronic Limit TDBU Motor



- 

Motor direction is reversible

A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.
- 

Auto correct the displacement

Hall sensor in electronic limit motors, will automatically detect and correct the limit positions deviation
- 

NGWN patented gear box

NGWN gear box design, self-lock design to avoid shades slippery.
- 

Soft start and soft stop
- 

Jog and continuous rolling adjustment
- 

Top and bottom limits, plus 4 favorite stop positions.
- 

Stroke memory function
- 

Overload Protection

Extensive Functions

If work with 'A-OK AC520 smart bridge'

If the motor has built-in smart chipset

Open/Close the blinds at pre-set timing

Blinds status is visible

Remote access

Scenes control

- 

RF remote control
- 

App control
- 

Voice control
- 

Group Individual control

7.4V DC

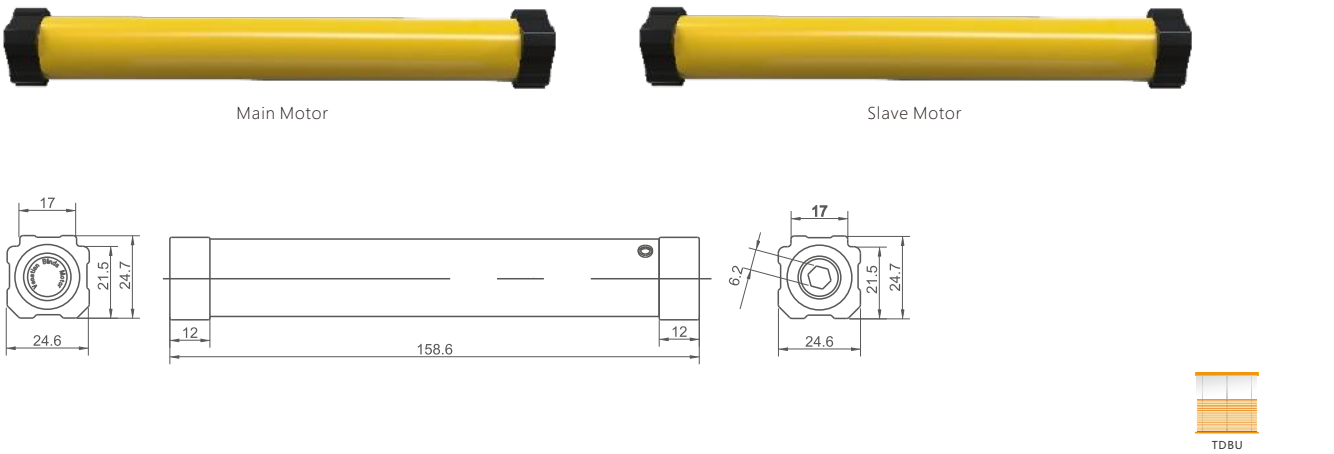


AC704 Battery Pack

Motor Model	Rated Torque	Rated RPM	Frequency	Rated Voltage	Minimum Working Voltage	Rated Current	Working Time	Working Temperature	IP Class	Built-In Chip
AM24-0.6/34-ES-I	0.6N.m	34rpm	433MHz	7.4V	20V	1.2A	5mins	-10°C~+60°C	IP44	RF

AM24

DC Input Electronic Limit TDBU Motor



- 

Motor direction is reversible

A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.
- 

Auto correct the displacement

Hall sensor in electronic limit motors, will automatically detect and correct the limit positions deviation
- 

NGWN patented gear box

NGWN gear box design, self-lock design to avoid shades slippery.
- 

Soft start and soft stop
- 

Jog and continuous rolling adjustment
- 

Top and bottom limits, plus 4 favorite stop positions.
- 

Stroke memory function
- 

Overload Protection

Extensive Functions

If work with 'A-OK AC520 smart bridge'

If the motor has built-in smart chipset

Open/Close the blinds at pre-set timing

Blinds status is visible

Remote access

Scenes control

- 

RF remote control
- 

App control
- 

Voice control
- 

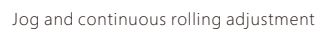
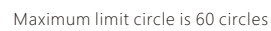
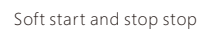
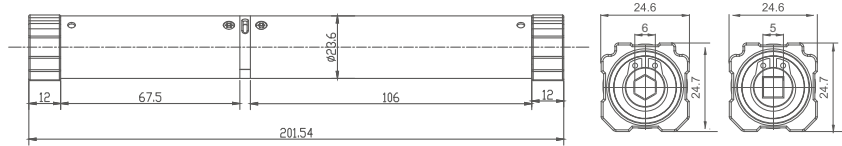
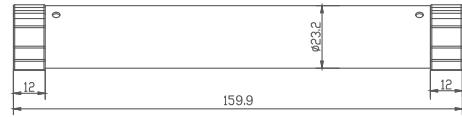
Group Individual control

24V DC



AC801 Transformer

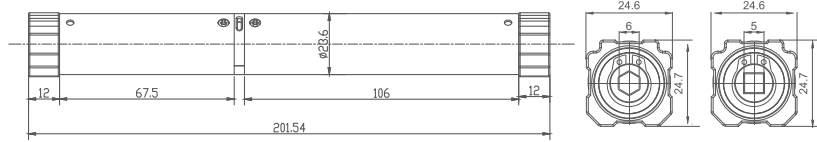
Motor Model	Rated Torque	Rated RPM	Frequency	Rated Voltage	Minimum Working Voltage	Rated Current	Working Time	Working Temperature	IP Class	Built-In Chip
AM24-0.6/34-EL-I	0.6N.m	34rpm	433MHz	DC24V	20V	400mA	5mins	-10°C~+60°C	IP44	RF



When work with output RF receiver



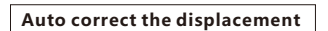
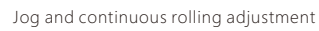
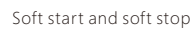
24V DC	AC801 Transformer							Limit Controller			
	Motor Model	Rated Torque	Rated RPM	Frequency	Rated Voltage	Minimum Working Voltage	Rated Current	Working Time	Working Temperature	IP Class	Built-In Chip
	AM24-0.6/34-I	0.6N.m	34rpm	433MHz	DC24V	20V	650mA	5mins	-20°C~+55°C	IP44	RF
	AM24-0.8/34-II	0.8N.m	34rpm	433MHz	DC24V	20V	650mA	5mins	-20°C~+55°C	IP44	RF



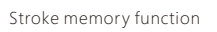
A reversal of the circuit's polarity will change the direction of the motor's force, clockwise or counterclockwise.



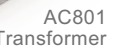
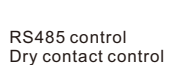
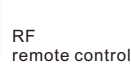
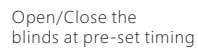
NGWN gear box design, self-lock design to avoid shades slippery.



Hall sensor in electronic limit motors, will automatically detect and correct the limit positions deviation

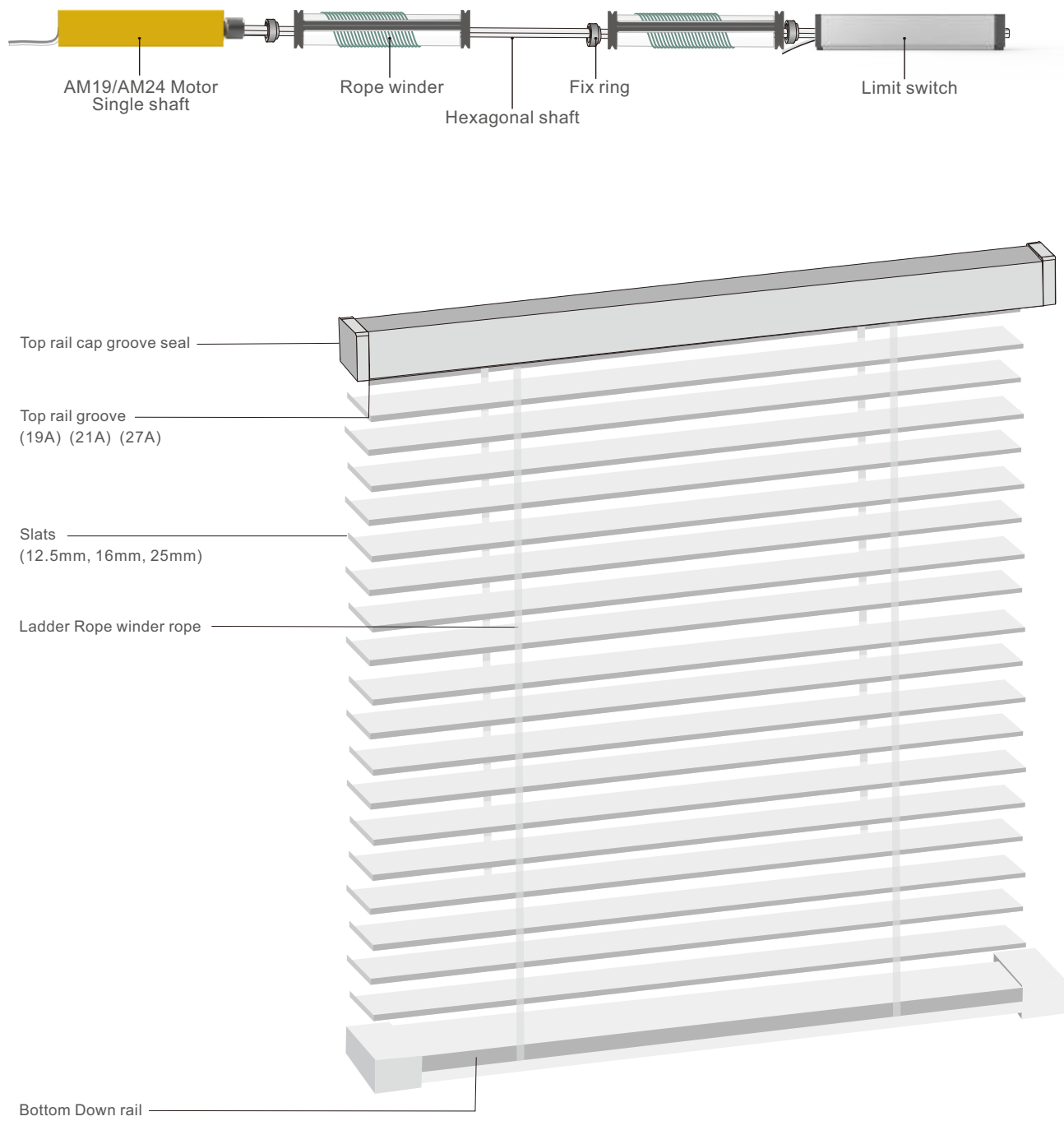


If work with 'A-OK AC520 smart bridge' | If the motor has built-in smart chipset



12V / 24V DC										AC801 Transformer
Motor Model	Rated Torque	Rated RPM	Frequency	Rated Voltage	Minimum Working Voltage	Rated Current	Working Time	Working Temperature	IP Class	Build-In Chip
AM24-1/34-EL-SS-II	1N.m	34rpm	433MHz	DC24V	20V	900mA	5mins	-20°C~+80°C	IP44	RF

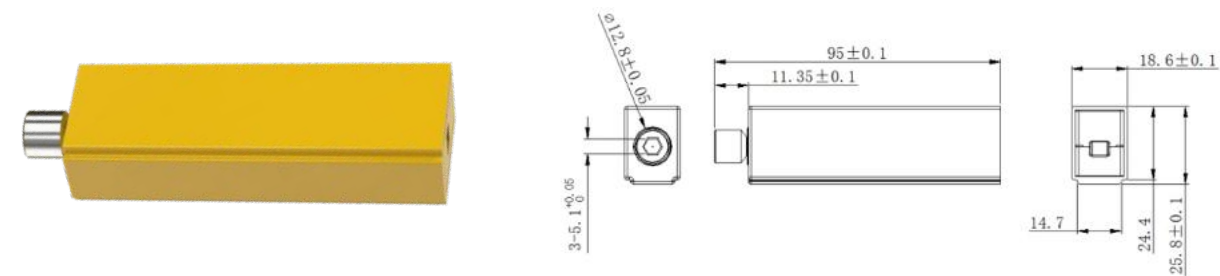
MOTORIZED DOUBLE GLAZING SYSTEM



Slat Material: aluminum, PVC.
Slat Size: 12.5mm 15mm, 16mm 25mm 35mm, etc
AM19 mainly use the 19A 21A headrail.
AM24 mainly use the 27A headrail.

AM19

Mechanical Limit DC Double Glazing Motor

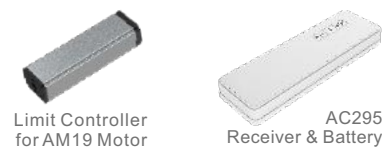


- A reversal of the circuit's polarity will change the direction of the motor's force, clockwise or counterclockwise.
- Overload Protection
- Mechanical limit
- Switch UP / DOWN / STOP
- Soft start and stop stop
- Stroke memory function
- Maximum limit circle is 80 circles
- Jog and continuous rolling adjustment

Extensive Functions

When work with output RF receiver

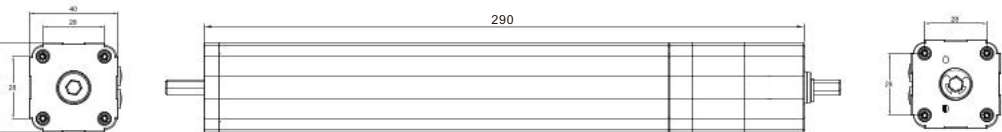
- RF remote control
- Group Individual control



Motor Model	Rated Torque	Rated RPM	Frequency	Input Voltage	Rated Current	Working Temp	IP Class	Built-In Chip
AM19-03/35-H	0.3Nm	35rpm	433MHz	DC12V	500mA	-20°C~+85°C	IP44	RF
AM19-03/35-H	0.3Nm	35rpm	433MHz	DC24V	300mA	-20°C~+85°C	IP44	RF

AM40

Electronic Limit Radio DC Motor Lifting And Tilting Functions



Length



Wooden venetian



PVC Venetian Blind



Motor direction is reversible

A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.



NGWN patented gear box

NGWN gear box design, self-lock design to avoid shades slippery.



Soft start and soft stop



Jog and continuous rolling adjustment



Auto correct the displacement

Hall sensor in electronic limit motors, will automatically detect and correct the limit positions deviation



Top and bottom limits, plus 1 favorite stop position.



Stroke memory function



Overload Protection

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If the motor has built-in smart chipset



Open/Close the blinds at pre-set timing



Blinds status is visible



Remote access



Scenes control



RF remote control



Group Individual control



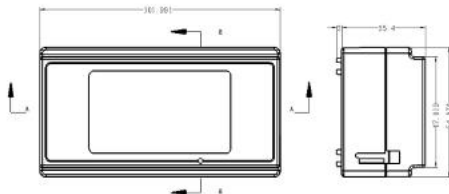
AC801 Transformer

24V DC

Model No.	Rated Torque	Rated RPM	Frequency	Rated Voltage	Rated Current	Continuous Working Time	Temperature	IP Class	Built-In Chip
AM40-2/28-EL-II	2N.m	28rpm	433MHz	24V DC	1.4A	5mins	-20°C ~ +55°C	IP44	RF

AM54

Electronic Limit Radio DC Motor Tilting Function Only



Wooden venetian



PVC Venetian Blind



Motor direction is reversible

A reversal of the circuit's polarity will change the direction of the motor's force. clockwise or counterclockwise.



Soft start and soft stop



Overload Protection



NGWN patented gear box

NGWN gear box design, self-lock design to avoid shades slippery.



Stroke memory function

Extensive Functions

If work with 'A-OK AC520 smart bridge' | If the motor has built-in smart chipset



Open/Close the blinds at pre-set timing



Blinds status is visible



Remote access



Scenes control



RF remote control



Group Individual control



AC711-01 Battery Pack

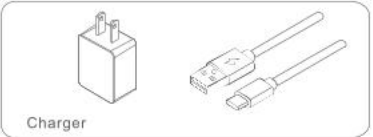
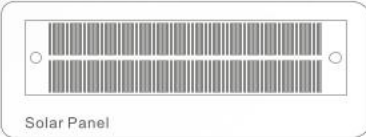
24V DC

Model No.	Rated Torque	Rated RPM	Frequency	Voltage	Current	Working Time	Temperature	IP Class	Built-In Chip
AM54-0.6/10-ES	0.6N.m	10rpm	433MHz	24V DC	3A	5mins	-20°C ~ +55°C	IP20	RF



PLANTATION SHUTTER

AM20
Plantation Shutter DC Motor



- 900mAh high-capacity rechargeable lithium battery, can be used with solar panels, long-lasting battery life
- Support remote or Bluetooth APP control, convenient and fast
- Support dot dimming and continuous mode. control at will
- Two installation methods of glue/screwmore options
- Micro USB or Type-C charging port.
- Running speed 5mm/s, fast response
- 50N push-pull force

5V DC

Motor Model	Push/Pull Force	Speed	Running Trip	Rated Power	Charging Voltage	Battery Capacity	RF frequency	Temp.	IP Class	Built-In Chip
AM20-50N-80MM-ES	50N	5mm/s	0-82mm	2W	5VDC	900mAh	433 MHz	-10℃ ~+55℃	IP20	RF
AM20-50N-80MM-ES-Z	50N	5mm/s	0-82mm	2W	5VDC	900mAh	433 MHz	-10℃ ~+55℃	IP20	RF+ZigBee
AM20-50N-80MM-ES-B	50N	5mm/s	0-82mm	2W	5VDC	900mAh	433 MHz	-10℃ ~+55℃	IP20	RF+Bluetooth

RADIO EMITTERS

Hand-held Emitters

Wall Mounted Emitters

Garage Door Emitters



Hand-held Emitters

AC153



Stylish Appearance



Timing Function



Easy Installation



Accurate Remote control



AC153-01

Hand-held 01-Channel Emitter

Battery type:	AAA LR03-1.5V
Emission current:	≤35mA
Transmitted power:	≤10mW
Emission frequency:	433.92MHz / 868MHz
RF Modulation mode:	ASK / FSK
Operating temperature:	-20°C~+55°C



AC153-03

Hand-held Day & Night Shades Emitter

Battery type:	AAA LR03-1.5V
Emission current:	≤35mA
Transmitted power:	≤10mW
Emission frequency:	433.92MHz / 868MHz
RF Modulation mode:	ASK / FSK
Operating temperature:	-20°C~+55°C



AC153-06

Hand-held 06-Channels Timing Emitter

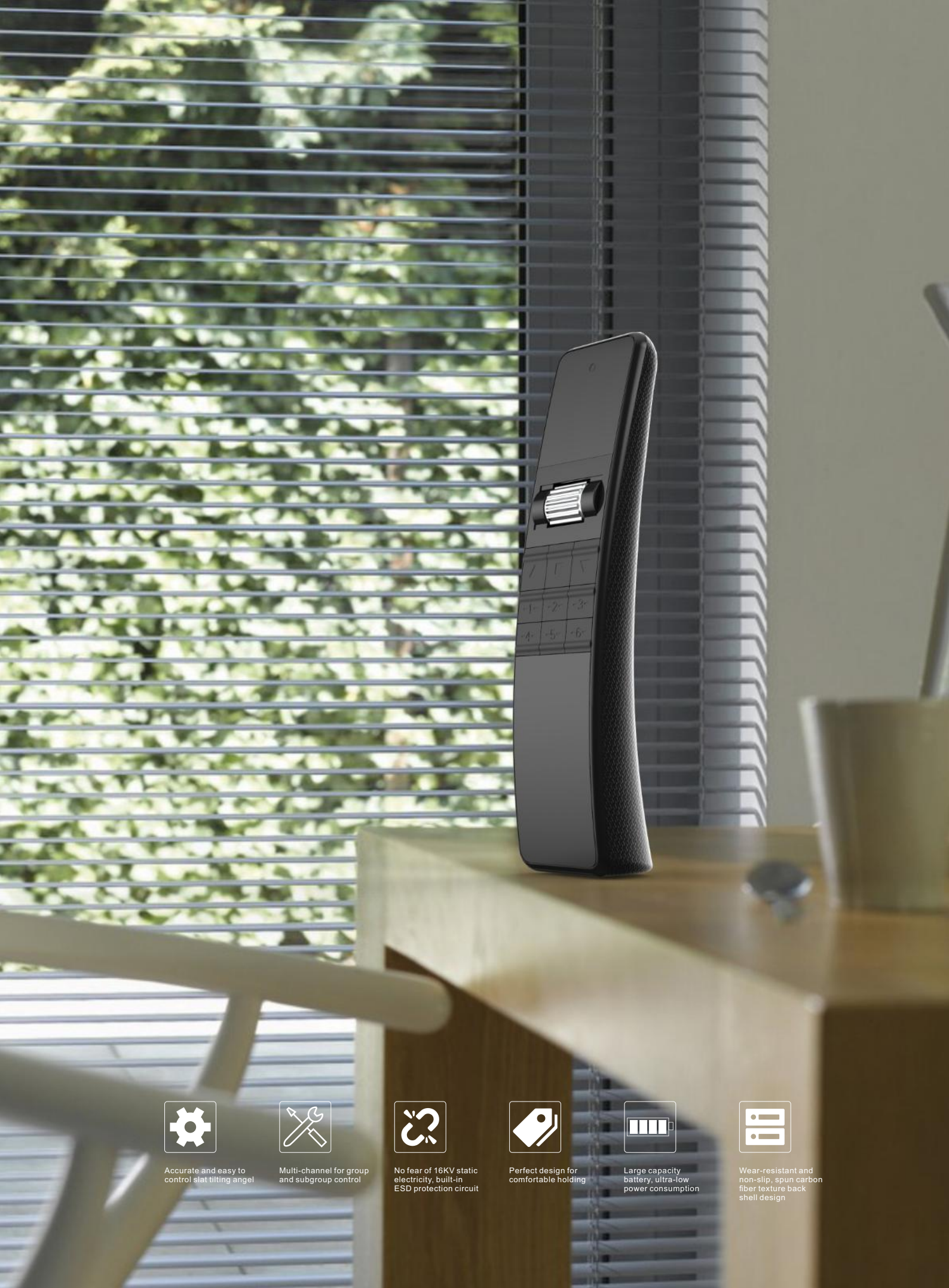
Battery type:	AAA LR03-1.5V
Emission current:	≤35mA
Transmitted power:	≤10mW
Emission frequency:	433.92MHz / 868MHz
RF Modulation mode:	ASK / FSK
Operating temperature:	-20°C~+55°C



AC153-16

Hand-held 16 Channels Emitter

Battery type:	AAA LR03-1.5V
Emission current:	≤35mA
Transmitted power:	≤10mW
Emission frequency:	433.92MHz / 868MHz
RF Modulation mode:	ASK / FSK
Operating temperature:	-20°C~+55°C



Scroll wheel Emitter

AC152



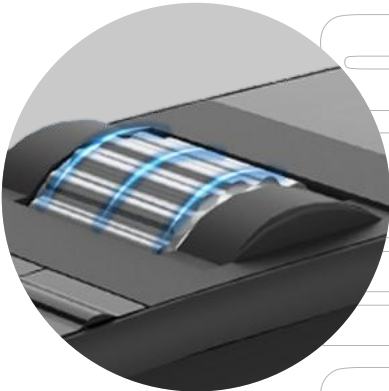
AC152-06
Hand-held 06 Channels Emitter

Battery type:	AAA X2(3V)
Emission current:	≤25mA
Transmitted power:	≤10mW
Emission frequency:	433.92MHz / 868MHz
RF Modulation mode:	ASK
Operating temperature:	-20°C~+55°C

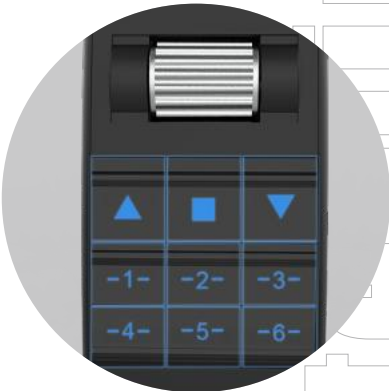


AC152
Sunshine room dedicated transmitter

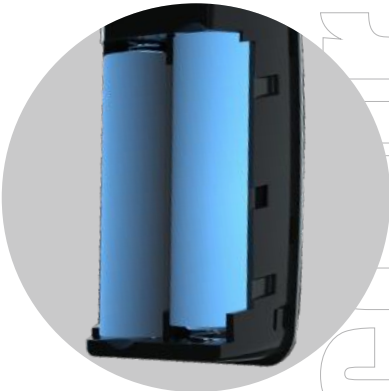
Battery type:	AAA X2(3V)
Emission current:	≤25mA
Transmitted power:	≤10mW
Emission frequency:	433.92MHz / 868MHz
RF Modulation mode:	ASK
Operating temperature:	-20°C~+55°C



Accurate Dimming



Reliable Mechanical Buttons



Low Power Consumption



Accurate and easy to control slat tilting angel



Multi-channel for group and subgroup control



No fear of 16KV static electricity, built-in ESD protection circuit



Perfect design for comfortable holding



Large capacity battery, ultra-low power consumption



Wear-resistant and non-slip, spun carbon fiber texture back shell design

- Follow simple trend design, with luxurious piano lacquer surface treatment to show honorable and elegant
- High hardness acrylic panel to ensure flawless appearance
- CR2032 button battery, easy to get and replace
- Ultra-long standby time, batteries last 2-3 years

Hand-held Emitters

AC123



AC123-01

Hand-held 01-Channel Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤25mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC123-02

Hand-held 02-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤25mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC123-06

Hand-held 06-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤25mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC123-16

Hand-held 16-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤25mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C

- Stylish and elegant appearance can be applied to different decoration styles
- Ultra-low power design, high stability, strong anti-interference ability
- Universal CR2032 button battery, more convenient to install and purchase

Hand-held Emitters

AC157



AC157-01

Hand-held 01-Channel Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤20mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC157

Special transmitter for drying racks

Battery Type:	3V CR2032
Transmitting Current:	≤20mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC157-02

Hand-held 02-Channel Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤20mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC157-06

Hand-held 06-Channel Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤20mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

- Energy saving design, CR2450 battery support for 2 years working
- With capacitive touch panel, stronger anti-interference and higher stability
- RF transmitted power is 10mW, compatible with all A-OK RF receivers

Hand-held Emitters

AC140



AC140 -01/02/06/16 (Channel selection)
Hand-held Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz / 868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC140C -01/02/06/16 (Channel selection)
Hand-held Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz / 868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC141-01C
Hand-held 01-Channel Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz / 868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC141-02C
Hand-held 02-Channels Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz / 868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC140-L-XP -01/02/06/16-L-XP (Channel selection)
Waterproof transmitter (rechargeable)

Battery Type:	3.7V Li-ion(150mAh)
Transmitting Current:	≤40mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz / 868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC141-06C
Hand-held 06-Channels Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz / 868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC141-16C
Hand-held 16 Channels Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz / 868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C

- Follow simple trend design, with luxurious piano lacquer surface treatment to show honorable and elegant
- Magnet mounting holder, easy to install
- High hardness acrylic panel to ensure flawless appearance
- CR2032 button battery, easy to get and replace
- Ultra-long standby time, batteries last 2-3 years

Hand-held Emitters

AC127



AC127-01

Hand-held 01-Channel Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20℃~+55℃



AC127-02

Hand-held 02-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20℃~+55℃



AC127-01L

Hand-held 01-Channel Emitter

Battery Type:	3.7V Li-ion Battery
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20℃~+55℃



AC127-02L

Hand-held 02-Channels Emitter

Battery Type:	3.7V Li-ion Battery
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20℃~+55℃



AC127-06

Hand-held 06-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20℃~+55℃



AC127-16

Hand-held 16-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20℃~+55℃



AC127-06L

Hand-held 06-Channels Emitter

Battery Type:	3.7V Li-ion Battery
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20℃~+55℃



AC127-16L

Hand-held 16-Channels Emitter

Battery Type:	3.7V Li-ion Battery
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20℃~+55℃

Rechargeable Hand-held Emitters

USB-C

AC127L

- Built-in 3.7V rechargeable Li-ion battery and with USB-C charging port
- Follow simple trend design, with luxurious piano lacquer surface treatment to show honorable and elegant
- Magnet mounting holder, easy to install
- High hardness acrylic panel to ensure flawless appearance



- Energy saving design, CR2450 battery support for 2 years working
- Stronger anti-interference and higher stability
- RF transmitted power is 10mW, compatible with all A-OK RF receivers

Hand-held Emitters

AC136



AC136-01-CA (Awning)
Hand-held 01-Channel Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	868MHz
RF Modulation Mode:	FSK
Working Temp:	-20°C~+55°C



AC136-01
Hand-held 01-Channel Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC136-02
Hand-held 02-Channels Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC136-05-CA (Awning)
Hand-held 05-Channels Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	868MHz
RF Modulation Mode:	FSK
Working Temp:	-20°C~+55°C



AC136-05-CAL (Awning+LED)
Hand-held 05-Channels Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤30mA
Transmitting Power:	≤10mW
Frequency:	868MHz
RF Modulation Mode:	FSK
Working Temp:	-20°C~+55°C



AC136-06
Hand-held 06-Channels Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC136-16
Hand-held 16 Channels Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



- Classic black and white color combination.
- Housing surface with piano lacquer craft.
- Surface moisture-proof treatment.
- With 3M adhesive tape to avoid damage to the wall.

Wall-mounted Emitters

AC133



AC133-01

Wall-mounted 01-Channel Emitter

Battery Type:	3V CR2302
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC133-02

Wall-mounted 02-Channels Emitter

Battery Type:	3V CR2302
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC133-05

Wall-mounted 05-Channels Emitter

Battery Type:	3V CR2302
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

- Classic black and white color combination, simple and fancy
- Housing surface with piano lacquer craft to show texture
- Surface moisture-proof treatment
- With 3M adhesive tape to avoid damage to the wall

Wall-mounted Emitters

AC134



AC134-01

Wall-mounted 01-Channel Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC134-02

Wall-mounted 02-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC134-06

Wall-mounted 06-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

- Classic black and white color combination, simple and fancy
- Housing surface with piano lacquer craft to show texture
- Surface moisture-proof treatment
- With 3M adhesive tape to avoid damage to the wall

Wall-mounted Emitters

AC135



AC135-01

Wall-mounted 01-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC135-02

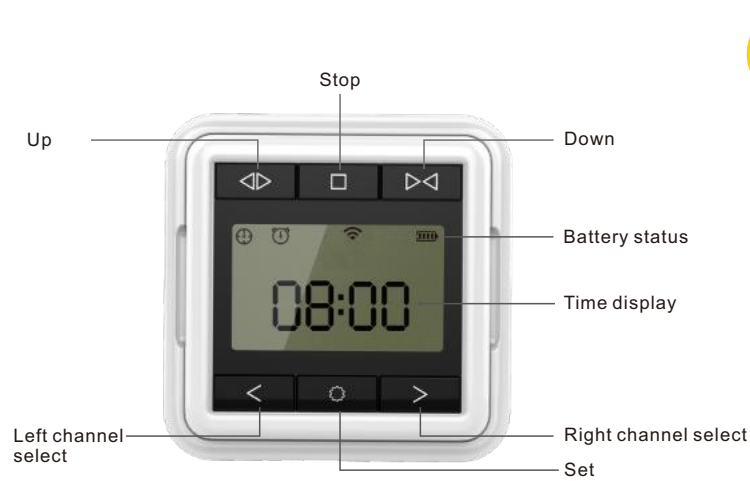
Wall-mounted 02-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

- Fashionable and elegant style design for various decoration
- Luxurious piano lacquer surface treatment, honorable and elegant
- Universal CR2450 button battery, convenient for replacement
- Six channel with timer function, three working mode available
- All settings will be retained even when power off and on again

Wall-mount Timer Emitter

AC151



AC151-06 screen display and button function

- Built in light guide makes indicator light soft and user comfort
- Acrylic face cover, scratching protection
- 3M adhesive tape and screw type for optional for installation
- Energy saving design, battery life is 2-3 years
- Built in silk print, simple and generous

Wall-mounted Emitters

AC125/AC126



AC125-01

Wall-mounted 01-Channel Emitter

Battery Type:	3V GP 27A 12V
Transmitting Current:	≤10mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC151-06

Wall-mounted 06-Channels Timer Emitter

Battery Type:	3V CR2450
Transmitting Current:	≤20mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



AC126-01

Wall-mitted 02-Channels Emitter

Battery Type:	3V GP 27A 12V
Transmitting Current:	≤10mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



Portable Emitter



AC116-03

Portable Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤10mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

- With key ring, easy to take
- Sliding cover prevent of wrong operation
- Low power consumption design, battery life 2-3 years
- Multi mode program to meet the maximum use requirements



AC129-01/04

Portable Emitter

Battery Type:	DC3.7V
Transmitting Current:	≤10mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

- Small and exquisite design, easy for carrying
- The surface is porcelain whitening technology, the cover is anti-scratching
- Rechargeable lithium battery built inside
- General USB interface, easy for charging
- Optional for 1 and 4 channels



AC124-01

Wireless Safety Edge Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤10mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

- Waterproof design, IP65 Class
- Exquisitely shaped, anti-pry protection function
- Rebound/stop is optional
- Low voltage alarm
- CR2032 button battery
- Ultra low standby power consumption design, the battery



AC12-01

Portable Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤10mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

- Patent design, Fashionable and elegant
- Low power consumption
- 15S Key locking function, prevent of wrong operation
- Emergency unlocking stop function in case any of accident
- With key ring, easy to take
- CR2032 button battery

RADIO RECEIVER

Timer Receiver

Wall Mounted Radio Receiver

Radio Receiver

Group Controller



- AC100-240V wide range voltage input, DC24V output
- Work with 4pcs A-OK DC motors each with current below 1A
- Control options of switch control, timer control, remote and RS485 interface control
- Superheterodyne mudule used for more receiving sensitivity
- Industrial type of CPU has a steady function
- Plastic housing use fireproof material for safety application
- 5 minutes continuous operation time

4 Routes Radio Timer Receiver

AC287



Wall Mounted Radio Receiver

AC227/AC228



AC287-01

Wall Mounted Radio Receiver

Input Voltage:	100V-240V AC
Control Mode:	RF Remote Control / RS485
Frequency:	433.92MHz
Loading Power:	24V*1A(4 Routes)
Receiving Sensitivity:	≥-110dBm
Working Temp:	-20°C~+55°C



AC227-01

Single-route AC motor receiver

Input Voltage:	AC220-240V 50/60Hz
Frequency:	433.92MHz
Modulation Mode:	ASK
Output load:	≤ 500W



AC227-13

Single-route DC motor receiver

Input Voltage:	AC100-240V 50/60Hz
Frequency:	433.92MHz
Modulation Mode:	ASK
Output load:	DC24V, 7A



AC228-01

Double-routes AC motor receiver

Input Voltage:	AC220-240V 50/60Hz
Frequency:	433.92MHz
Modulation Mode:	ASK
Output load:	500W x 2



AC228-05

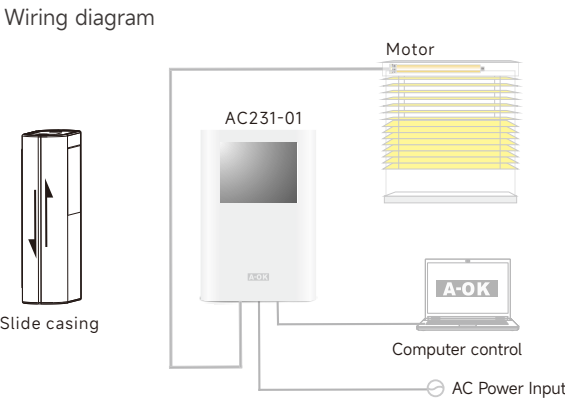
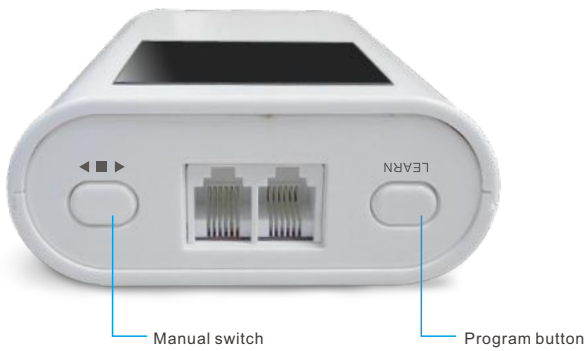
Double-routes DC motor receiver

Input Voltage:	AC100-240V 50/60Hz
Frequency:	433.92MHz
Modulation Mode:	ASK
Output load:	DC24V, 1A X 2

- Simple design, suitable for many different decorations
- Fire proof and ultraviolet rays material, have flame retardant and anti aging features
- Adopt slide cover installation, more easy and effective; standard 6P connector, accept RS485/232,and 3/4 wire dry contact
- Superheterodyne mudule used for more receiving sensitivity
- Can change the working direction by manual switch on receiver or remote
- Wire with external 12V wind sensor or photocell

External Radio Receiver

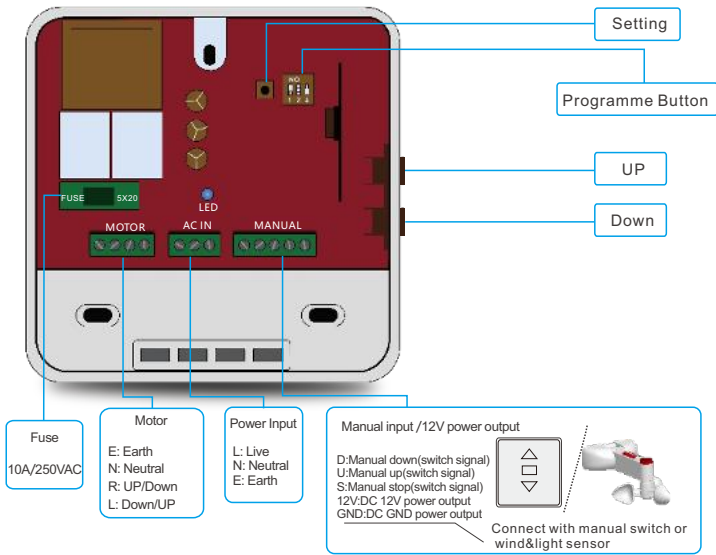
AC231



- Fancy and modern design
- Available to connect external manual switch , flexible and convenient
- Design with super heterodyne module, sensitivity is -110dBm
- Industrial grade CPU for more steady function
- Fire-proof material for safe use
- Power supply is safe, output time is 5 minutes

External Radio Receiver

AC252



AC231-01

External Radio Receiver

Working Voltage:	AC220-240V 50/60Hz
Working Frequency:	433.92MHz
Loading Power:	≤ 500W
Working Temp:	-20°C~+55°C



AC252-01

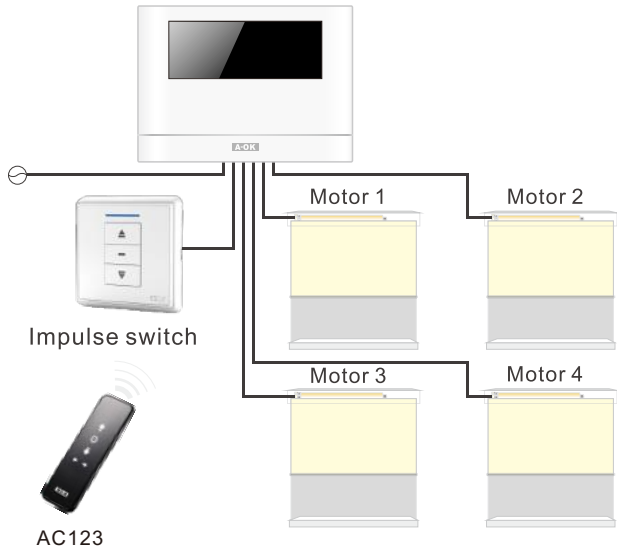
External Radio Receiver

Working Voltage:	AC230V / AC120V
Working Frequency:	433.92MHz
Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

- Radio receiver and group controller together
- Connect with 4 motors individual and group control
- Individual switch, group switch, local switch and master switch for various applications
- Rs485 interface for building control
- UV and fire proof ABS plastic material
- Industry level CPU, with temperature -40 ~ +85

Group Controller

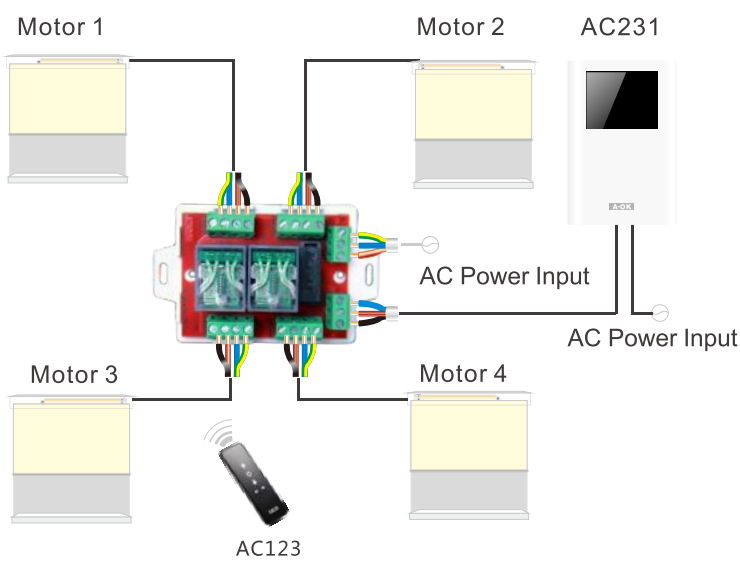
AC408



- Fancy shape, simple and generous
- Connect with 4 motors for group control
- Wire with external switch or external radio receiver
- Industry relays for big capacity
- PCB and housing adopt UL-94 fire proof material

Group Controller

AC405



AC408-02

Four Routes Group Controller

Working Voltage:	230V AC / 120V AC
Working Frequency:	433.92MHz
Loading Power:	500W x 4
Working Temp:	-40°C~+85°C



AC405-01

Group Controller

Working Voltage:	230V AC / 120V AC
Working Frequency:	433.92MHz
Loading Power:	500W x 4
Working Temp:	-40°C~+85°C

SOLAR PRODUCTS

AC601 Solar Panel

AC603 Solar Panel

AC605 Solar Panel

AC701 Battery Pack

AC704/AC705 Battery Pack

AC711 Battery Pack

AC131 Light sensor





- Solar energy convert into electricity effective rate is over 19%
- Pouring sealant for production, anti-UV material for cable
- Adhesive tape or screw type installation for optional
- Less thickness, free to adhesive and well-fitted

Solar Panel

AC601/AC603/AC605



AC601-01
Solar Panel

Power:	1W(±5%)
Open circuit voltage:	18V
Short circuit current:	0.095A
Working Voltage:	12V
Working Current:	0.08A
Battery chip size:	375 x 50(±0.3)x 3.2mm
Test Condition:	AM1.5, 1000W/m²25°C



AC603-01
Solar Panel

Built-in lithium battery:	8.4V/2600mAH
Power of solar panel:	1.5W
Voltage of solar panel:	12V DC
RF receiver frequency:	433.92MHz
Modulation:	ASK
Test Condition:	AM1.5, 1000W/m²25°C



AC605-01
Solar Panel

Power:	3.5W(±5%)
Open circuit voltage:	21.5V
Short circuit current:	0.208A
Working Voltage:	18V
Working Current:	0.194A
Battery chip size:	450 x 60(±0.3)x 5mm
Test Condition:	AM1.5, 1000W/m²25°C

- Work with A-OK solar powered DC low-power consumption motors
- Built-in 14.8V 4400mAh lithium battery, can cycle charge and discharge 500 times
- Charged by electricity charger or solar panel
- It will take 6 hours for charging fully
- Full charged supports 160 cycle of motor running

Battery Wand

AC701

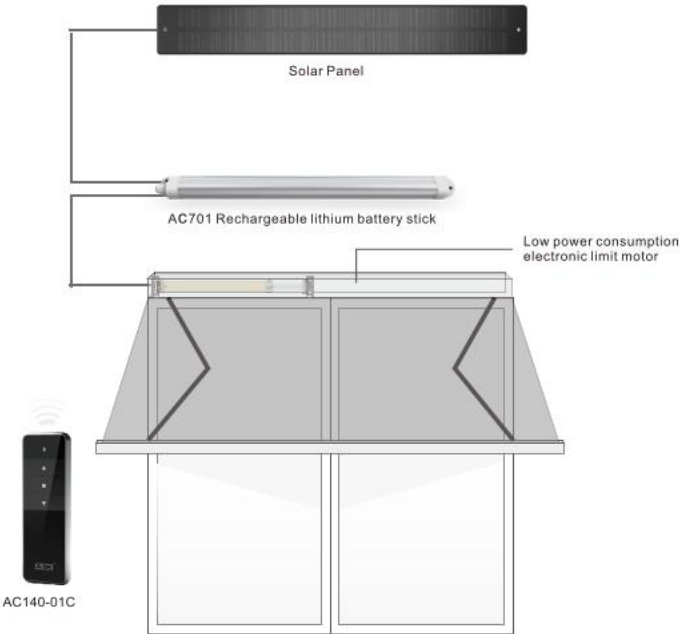


AC701-01

Lithium battery stick

Working Voltage:	DC 14.8V
Working Current:	7A
Capacity:	4400mA/H
Working Temp:	-20°C+55°C

Application



- Mainly work with solar panel, A-OK DC tubular motor
- Built-in 12V 2800/4000mAh lithium battery
- Charged by electricity charger or solar panel
- Full charged supports 160 cycles of motor running

Battery Pack

AC704/AC705/AC711



AC704-01

Battery pack

Working Voltage:	7.4V
Working Current:	1.3A
Capacity:	2600mA/H
Working Temp:	-10°C+60°C



AC705-01

Ni-MH battery stick

Working Voltage:	12V DC
Working Current:	1.3A
Capacity:	2800mA/H
Working Temp:	-10°C+60°C



AC705-02

Ni-MH battery stick

Working Voltage:	12V DC
Working Current:	1.3A
Capacity:	4000mA/H
Working Temp:	-10°C+60°C



AC711-01

Battery pack

Working Voltage:	12V DC
Working Current:	1.3A
Capacity:	2600mA/H
Working Temp:	-10°C+60°C

- Built-in solar panel, energy saving and environmental protection.
The battery can be charged at the same time
- With USB interface, built-in charge management function, when there is no solar battery voltage is not enough for a long time, you can quickly charge the battery through the USB interface
- Vibration detection function, when the glass is detected when the alarm signal, to achieve anti-theft function
- It is equipped with a power switch, which can be turned off when not used for a long time to extend the battery service time
- Test mode and working mode selection, the test mode is opened when demonstrating the function, and the response is very fast
- Summer mode and winter mode selection, summer when the light is too strong hope to close the curtain to avoid glare
- Ultra low standby power consumption design, the battery
- In winter, the sun's light is soft, and I hope to open the window to increase the indoor brightness
- Compatible with all A-OK products



AC131-01

Light sensor

Battery Capacity:	150mAh/3.7V
Working Current:	< 10uA
Frequency:	433.92Mhz
Transmitting Power:	< 10dBm
Charging Voltage:	5V DC
Modulated Mode:	ASK
Adapter:	5V/1A
Charging Interface:	Mirco USB

Light sensor

AC131



SMART-HOME HUB

AC520 Wi-Fi RF Hub

AC520 Wi-Fi RF USB Hub

AC526 ZigBee Hub

AC527 ZigBee+Matter Hub



- Upgrade experience from product island to Internet interconnection
- Secure and stable intelligent cloud service that supports tens of millions of concurrency
- Standardized, customizable and scalable intelligent interaction

WI-Fi Hub

AC520



AC520-02

Wi-Fi Hub

Size:	70.5×70.5×26.5mm
Receiver Frenquency:	433.92MHz
WiFi Frequency:	2.4G Hz
Rated Current:	<300mA
Modulation:	ASK
Power Supply:	5V DC / 1A
Working Temp:	-20°C~+55°C
Receiving Sensitivity:	Max 20dbm



AC520-03

Wi-Fi RF USB Hub

Size:	83×31×10 mm
Receiver Frenquency:	433.92MHz
WiFi Frequency:	2.4G Hz
Rated Current:	<300mA
Modulation:	ASK
Power Supply:	5V DC / 1A
Working Temp:	-10°C~+45°C
Receiving Sensitivity:	Max 20dbm

- Upgrade experience from product island to Internet interconnection
- Secure and stable intelligent cloud service that supports tens of millions of concurrency
- Standardized, customizable and scalable intelligent interaction

ZigBee/Matter Hub

AC526/AC527



AC526

ZigBee Hub



Size:	60×60×15mm
Receiver Frenquency:	2.4GHz
Rated Current:	<300mA
Power Supply:	5V DC / 1A
Working Temp:	-10°C~+45°C
Receiving Sensitivity:	Max 20dbm



AC527

Matter Hub



Size:	90×90×23mm
Receiver Frenquency:	2.4GHz
Rated Current:	<300mA
Power Supply:	5V DC / 1A
Working Temp:	-10°C~+45°C
Receiving Sensitivity:	Max 20dbm

SWITCHES

Mechanical Switch

Low Voltage Switch





Mechanical Switch

AC513/AC514

AC513-01

Mechanical 01-Channel Switch



Max Current:	10A
Switch Voltage:	250V
Working temp:	-20°C~+55°C

AC513-02

Mechanical 02-Channels Switch



Max Current:	5A
Switch Voltage:	30V DC
Working temp:	-20°C~+55°C

AC514-01

Impluse 01-Channel Switch



Max Current:	10A
Switch Voltage:	Max 30V DC
Working temp:	-20°C~+55°C

AC514-02

Impluse 02-Channels Switch



Max Current:	10A
Switch Voltage:	Max 30V DC
Working temp:	-20°C~+55°C

AC514-03

Impluse 03-Channels Switch



Max Current:	10A
Switch Voltage:	Max 30V DC
Working temp:	-20°C~+55°C



Low Voltage Switch

AC525-01/02

AC525-01

Low Voltage 01-Channels Switch



Max Current:	24V/12V/5V/3.3V DC
Switch Voltage:	12V 50mA
Working temp:	-20°C~+55°C

AC525-02

Low Voltage 02-Channels Switch



Max Current:	24V/12V/5V/3.3V DC
Switch Voltage:	12V 50mA
Working temp:	-20°C~+55°C

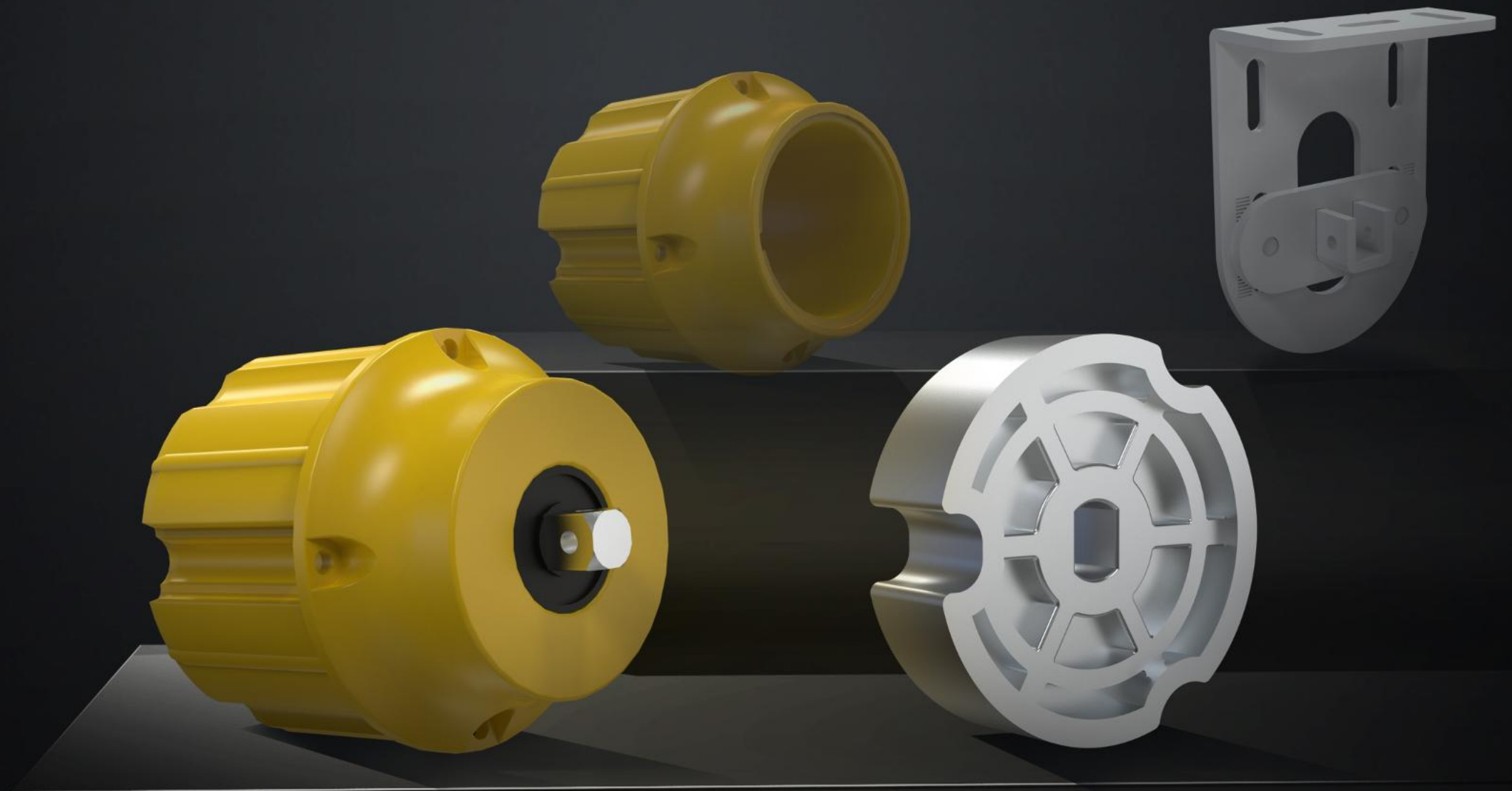
ACCESSORIES

Crown

Adaptor

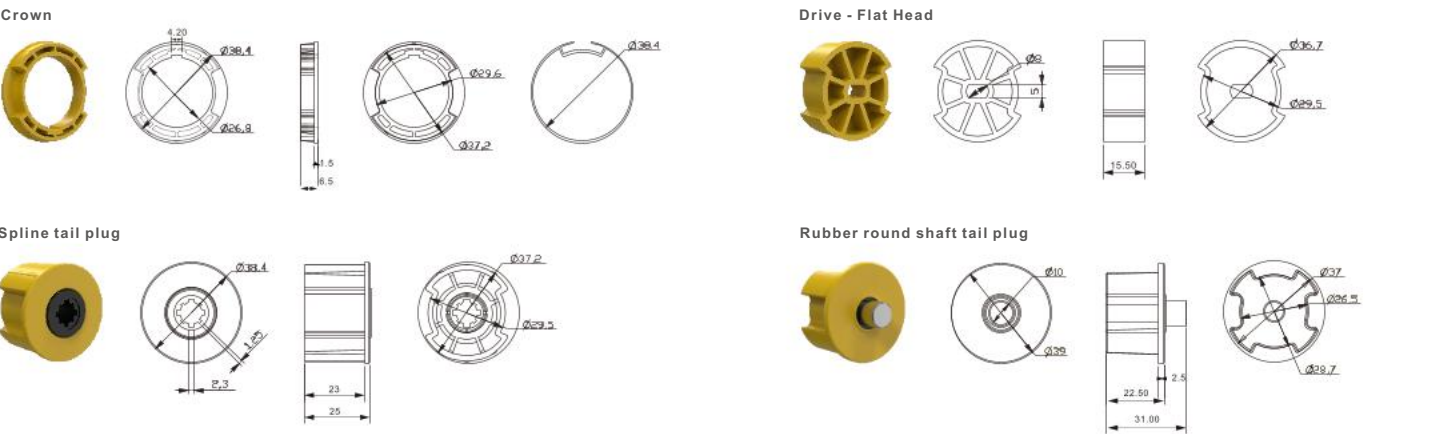
Idler

Bracket

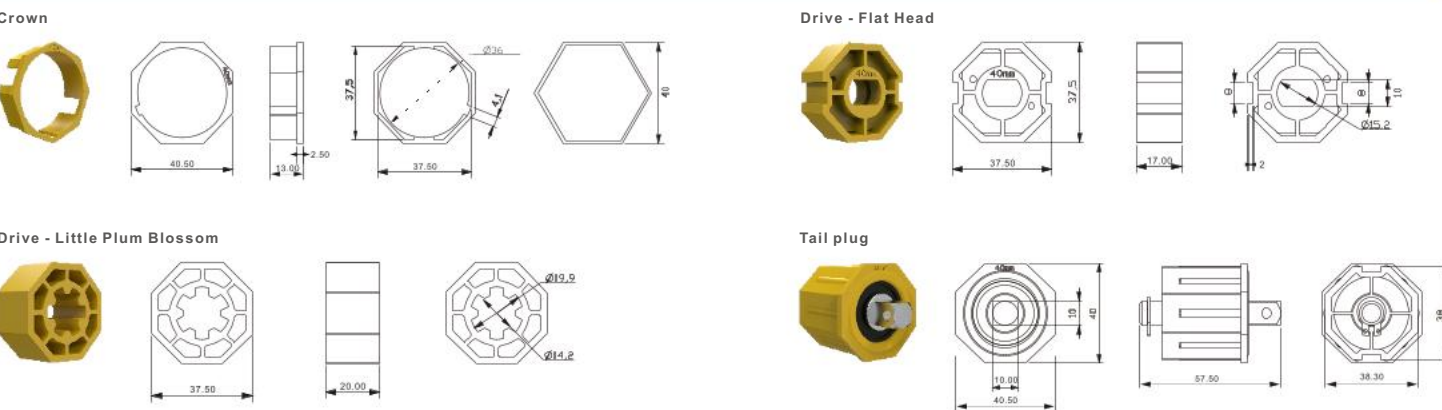


Crown / Adaptor / Idle

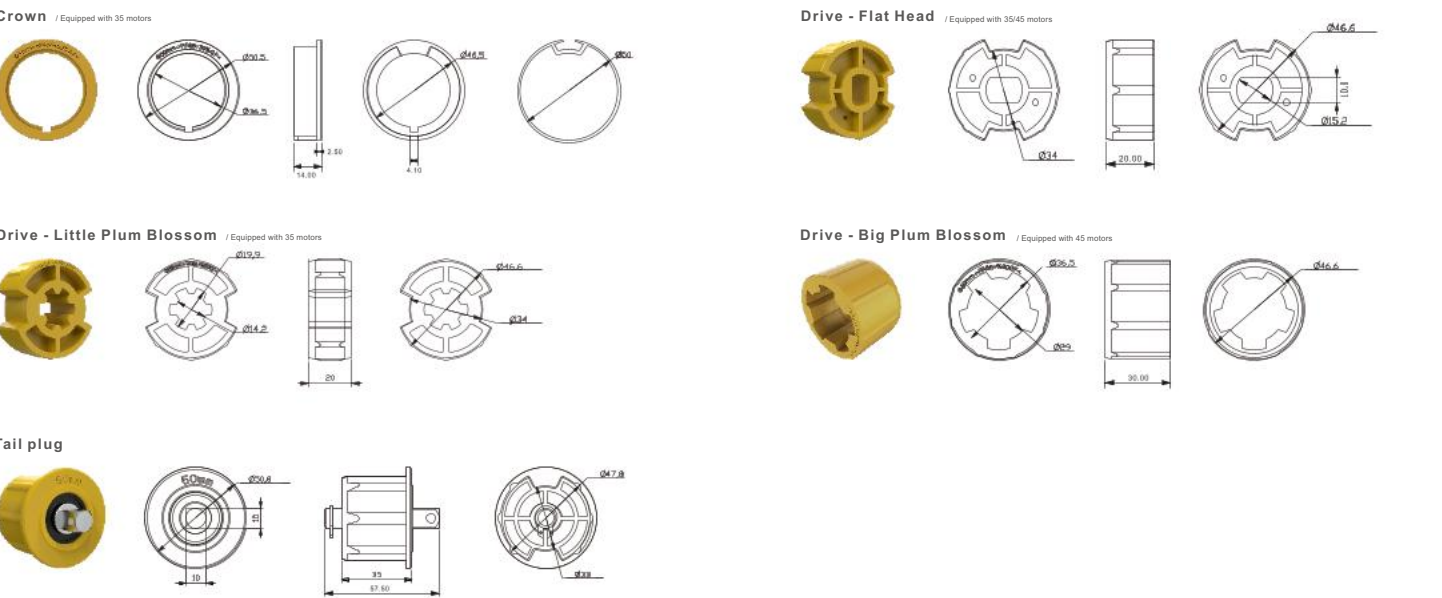
Φ38TUBE / Equipped with 25 motors



Φ40TUBE (Inner octagon) / Equipped with 35 motors

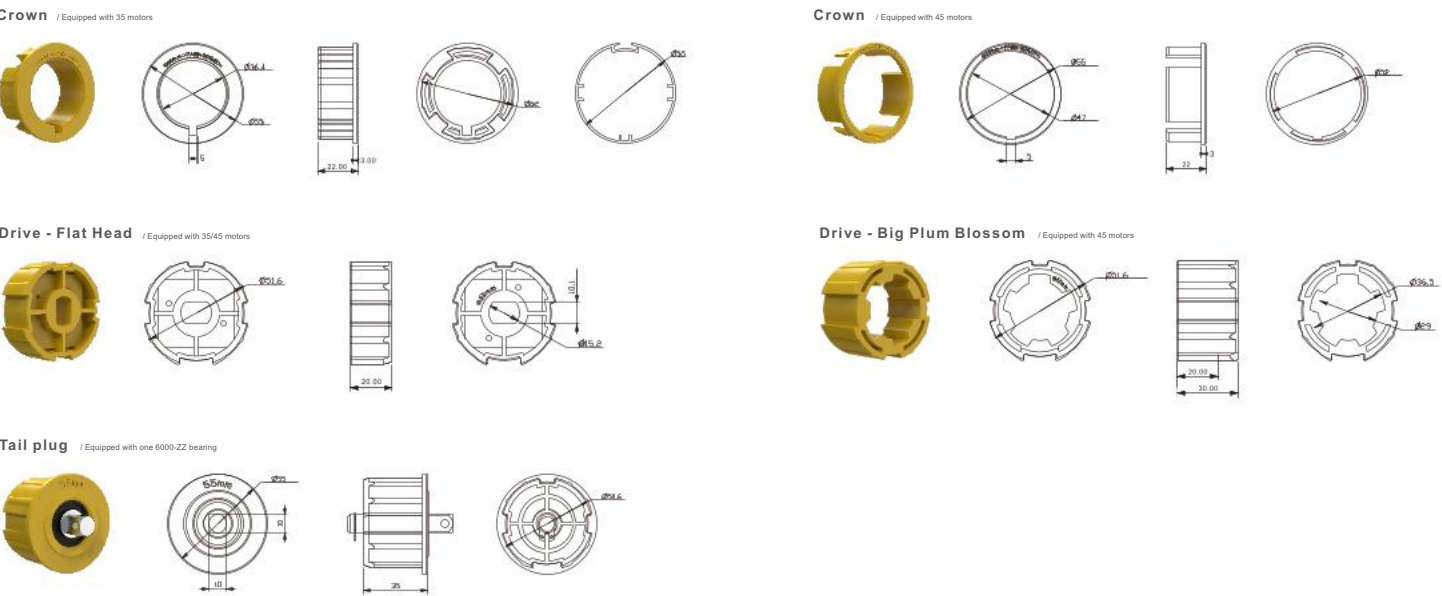


Φ50TUBE

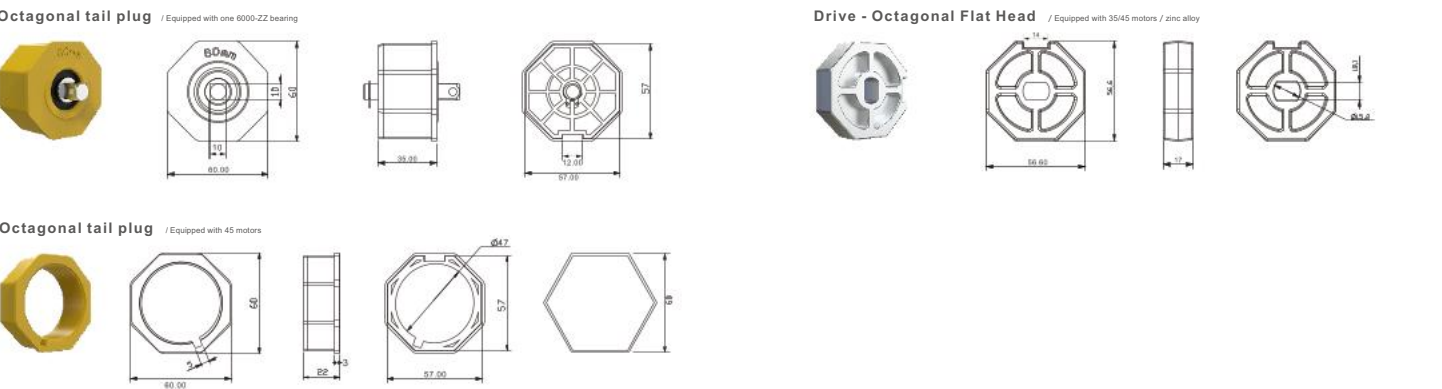


Crown / Adaptor / Idle

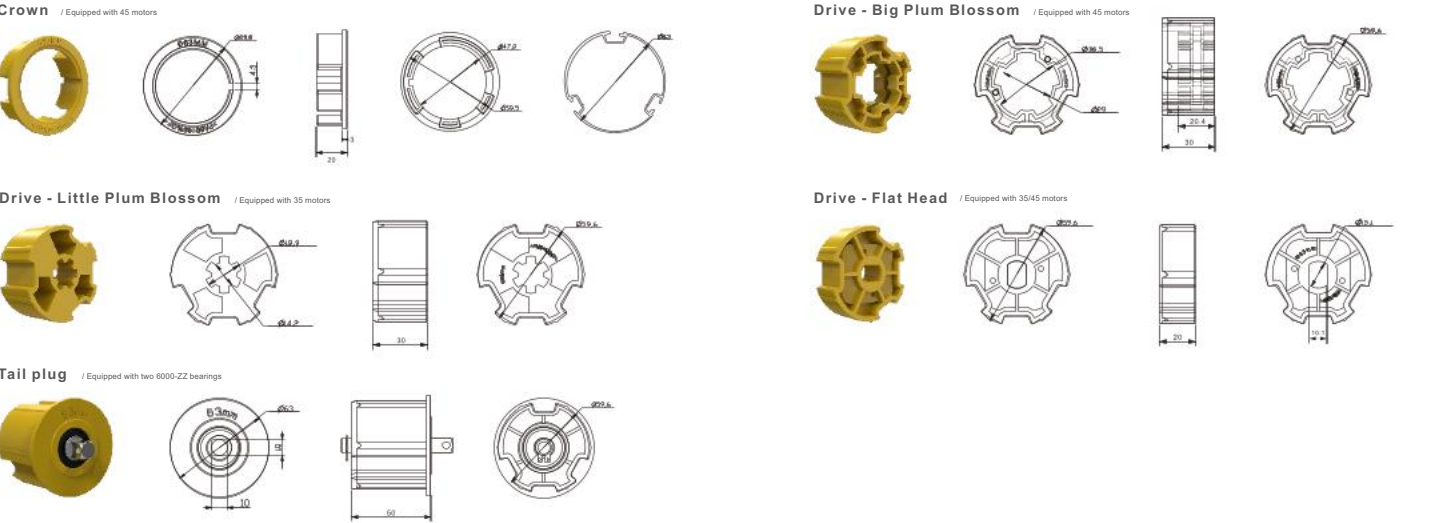
Φ55TUBE



Φ60TUBE



Φ63TUBE



Crown / Adaptor / Idle

Φ70TUBE / Equipped with 45 motors

Crown

High And Low Crown

Tail plug / Equipped with two 6000-ZZ bearings

Drive - Flat Head

Drive - Big Plum Blossom

High And Low Tail plugs / Equipped with two 6000-ZZ bearings

Φ78TUBE / Equipped with 45 motors

Crown

Drive - Flat Head

High And Low Tail plugs / Equipped with two 6000-ZZ bearings

High And Low Crown

Tail plug / Equipped with two 6000-ZZ bearings

Φ85TUBE

Crown / Equipped with 45 motors

Round head drive / Equipped with 60 motors

Drive - Big Plum Blossom / Equipped with 45 motors

Double Tailed plug / Equipped with four 6000-ZZ bearings / Double tail plug configuration

Crown / Equipped with 60 motors

Drive - Flat Head / Equipped with 45 motors / zinc alloy

Single Tail plug / Equipped with two 6000-ZZ bearings

Crown / Adaptor / Idle / Bracket

Φ90TUBE

Crown / Equipped with 45 motors

Drive / Equipped with 60 motors

Single Tail plug / Equipped with two 6000-ZZ bearings

Crown / Equipped with 60 motors

Drive - Flat Head / Equipped with 45 motors / zinc alloy

Double Tailed plug / Equipped with four 6000-ZZ bearings / Double tail plug configuration

50/55/63/70 Middle Bracket

50tube Middle bracket

55tube Middle bracket

63tube Middle bracket

70tube Middle bracket

Bracket series

Head support bracket
AM25 Motor / 38tube

Tail bracket
AM25 Motor / 38tube

Head support bracket
35Micro

Tail bracket
35Micro

Motor end cover bracket
AM35 Motor

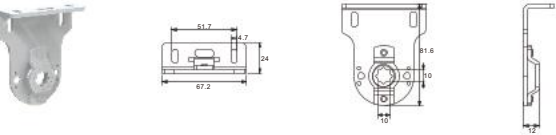
Motor Tail shaft bracket
AM35 Motor

Zero gap motor head bracket
AM35 Motor

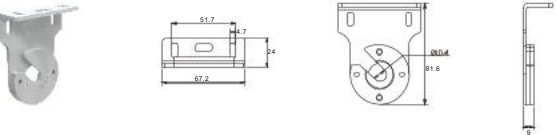
Zero gap motor tail bracket
AM35 Motor

Bracket /

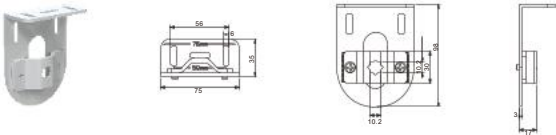
Square axis installation bracket
(81.6MM)



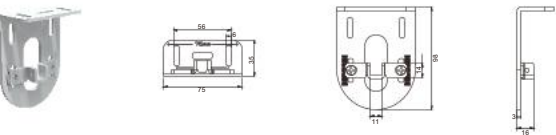
Circular shaft installation bracket
(81.6MM)



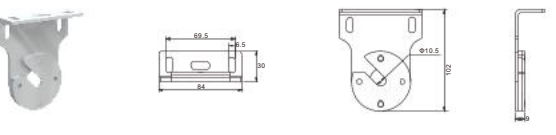
Adjustable motor installation bracket square shaft
(98MM)



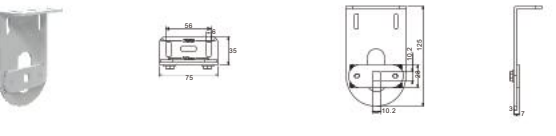
Adjustable motor installation bracket What font
(98MM)



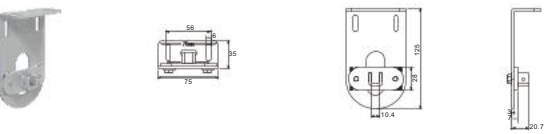
Circular shaft installation bracket
45Motor (102MM)



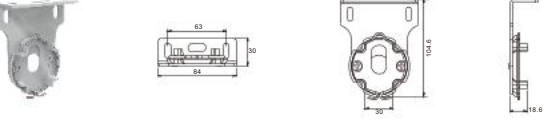
Adjustable Motor Extended Installation Bracket square shaft
(125MM)



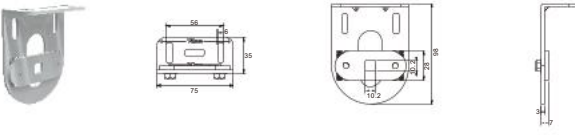
Adjustable bracket Large torque zigzag shape
(125MM)



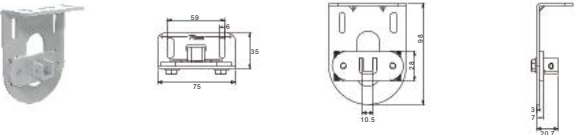
Quick installation bracket
45Motor



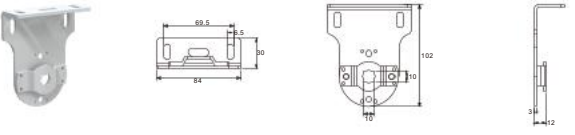
Adjustable bracket
(98MM)



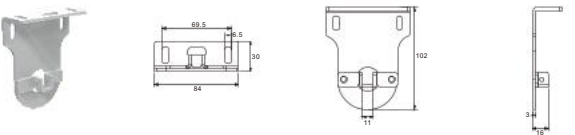
Adjustable bracket Large torque zigzag shape
(98MM)



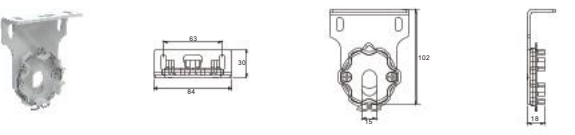
Am45 quick installation square head bracket
(102MM)



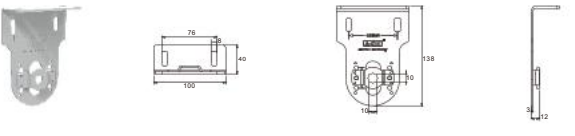
Am45 zigzag installation bracket
(102MM)



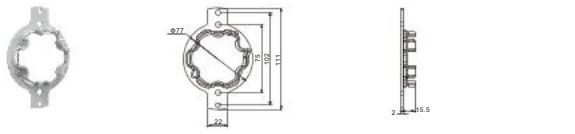
Quick installation bracket
45Motor



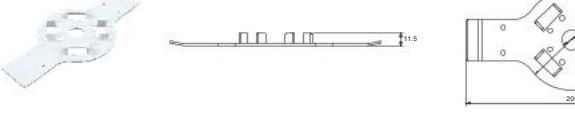
mounting bracket
(138MM)



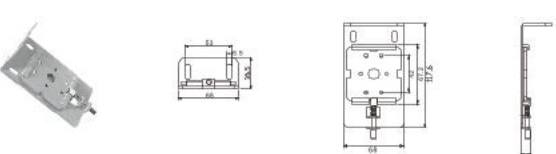
Quick installation bracket
45Motor



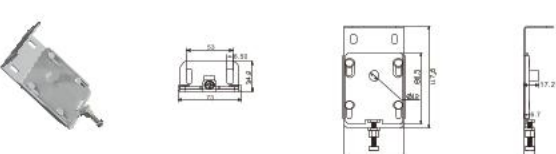
Quick installation bracket



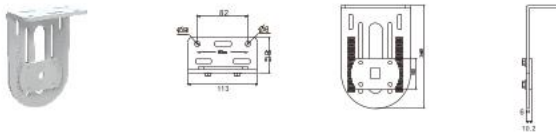
Horizontal adjustable head bracket



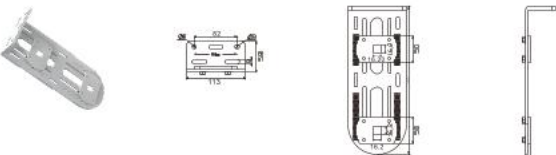
Horizontal adjustable tail bracket



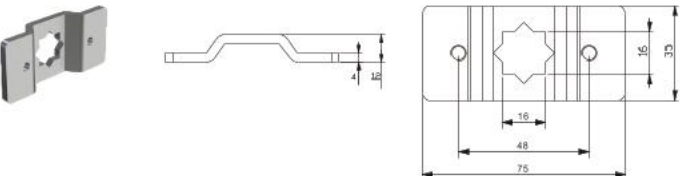
FTS-One Stent
(10X10)



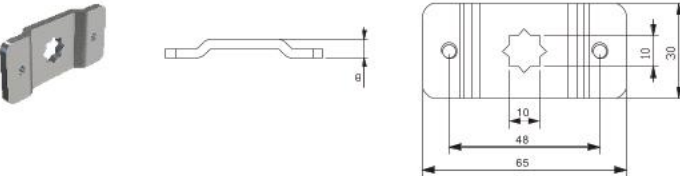
FTS-Double Stents
(16X16)



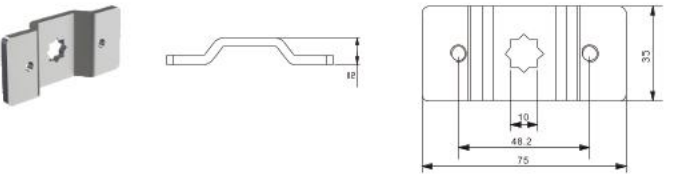
E bracket
(16-16)-12MM



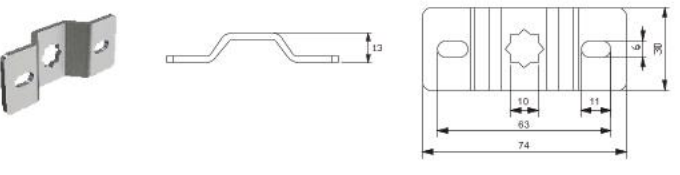
E bracket
8MM



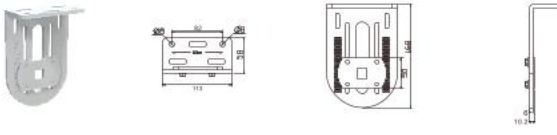
E bracket
12MM



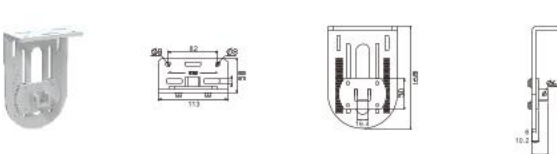
E bracket
13MM



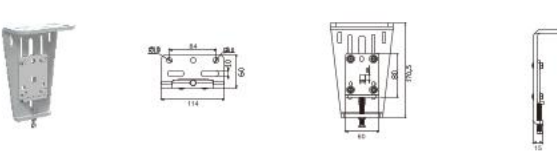
FTS-Head support bracket
(16X16)



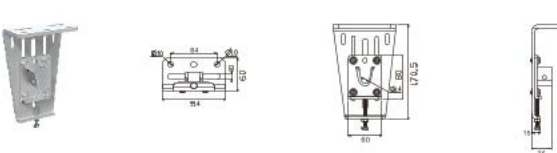
FTS-Tail bracket



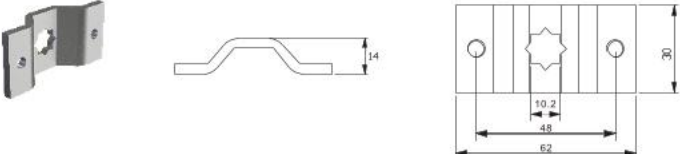
FTS-Large installation head bracket



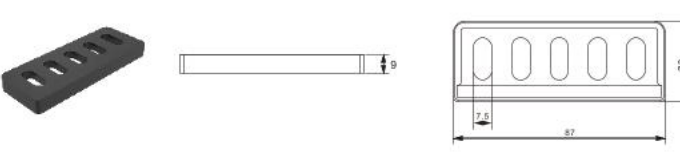
FTS-Large installation tail bracket



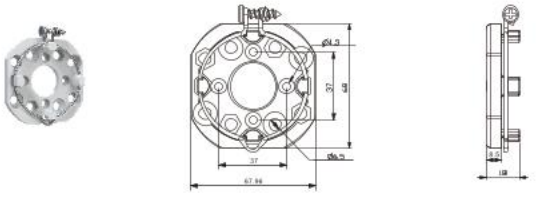
E bracket
14MM



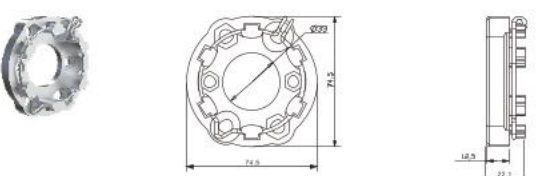
Shock-absorbing foot pad



Zinc alloy quick installation seat

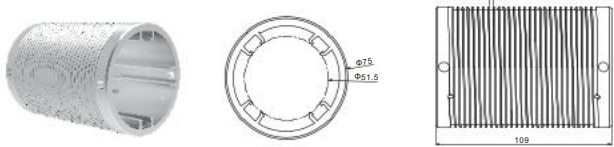


Zinc alloy plum blossom head installation seat

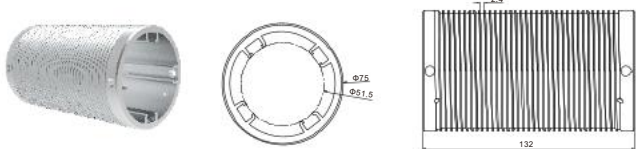


Reel /

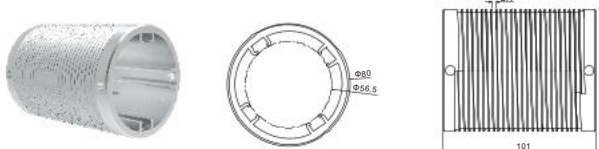
50Tube-6m
Aluminum alloy wire winding device



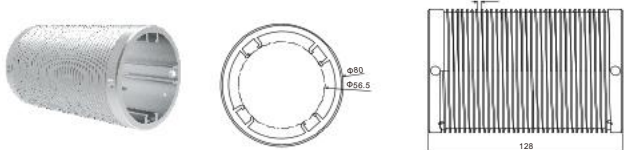
50Tube-8m
Aluminum alloy wire winding device



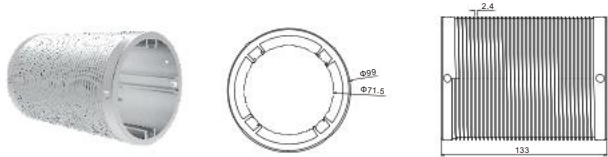
55Tube-6m
Aluminum alloy wire winding device



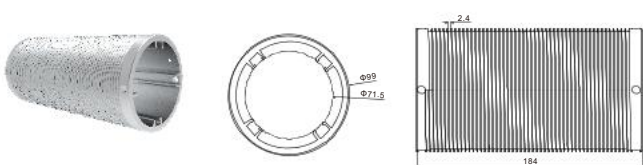
55Tube-8m
Aluminum alloy wire winding device



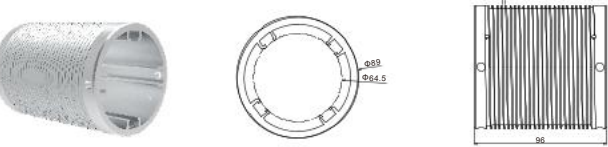
70Tube-10m
Aluminum alloy wire winding device



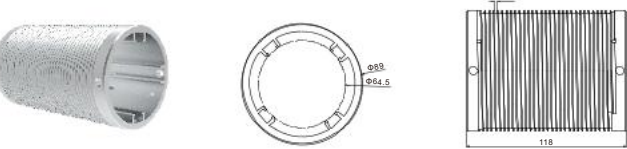
70tube-15
Aluminum alloy wire winding device



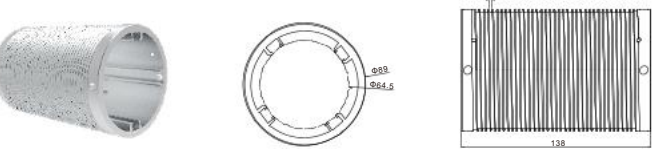
63Tube-6m
Aluminum alloy wire winding device



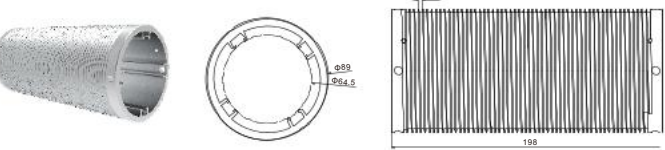
63Tube-8m
Aluminum alloy wire winding device



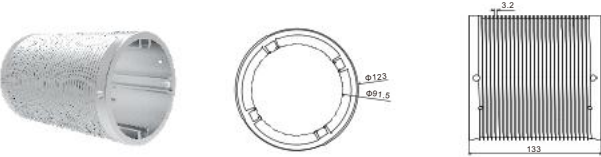
63Tube-10m
Aluminum alloy wire winding device



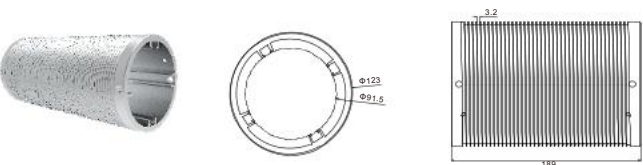
63Tube-15m
Aluminum alloy wire winding device



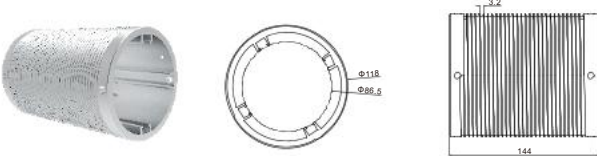
90Tube-10m
Aluminum alloy wire winding device



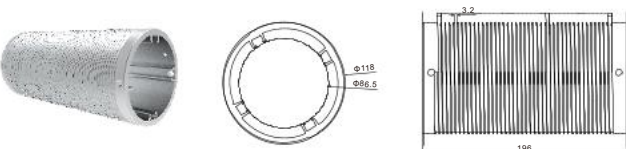
90tube-15
Aluminum alloy wire winding device



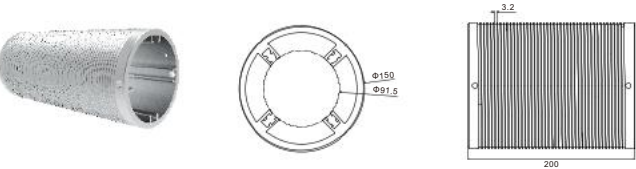
85tube-10m
Aluminum alloy wire winding device



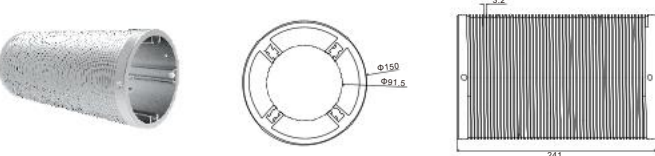
85tube-15m
Aluminum alloy wire winding device



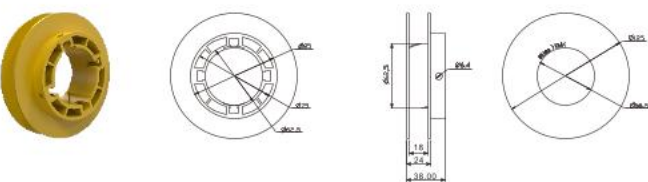
90tube-20m (150 Outside diameter)
Aluminum alloy wire winding device



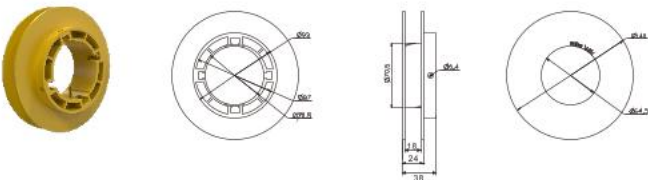
90tube-25m (150 Outside diameter)
Aluminum alloy wire winding device



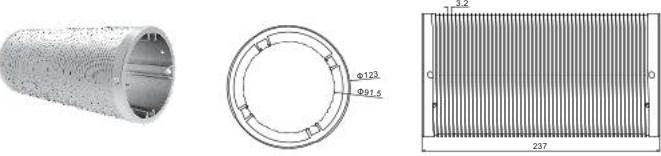
55Broadband cable reel



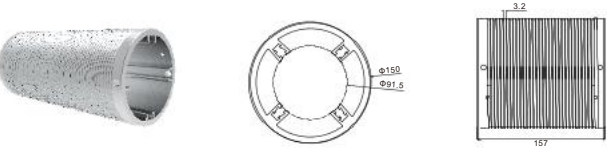
63Broadband cable reel



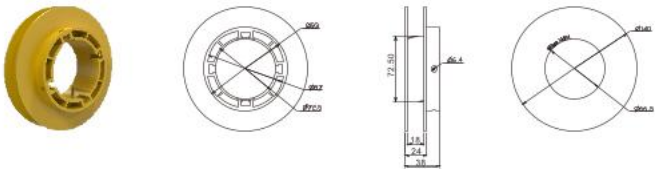
90tube-20m
Aluminum alloy wire winding device



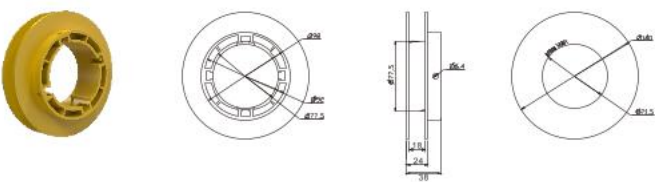
90tube-15m (150 Outside diameter)
Aluminum alloy wire winding device



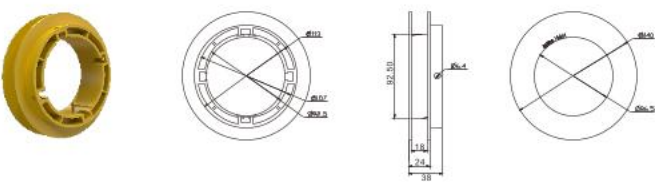
65Broadband cable reel



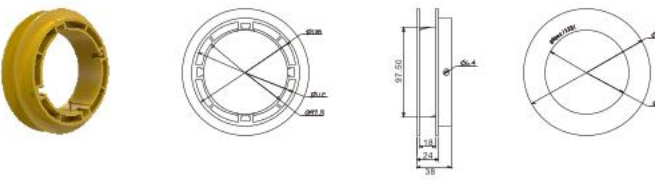
70Broadband cable reel



85Broadband cable reel



90Broadband cable reel



/ Reel