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PRODUCT CATEGORY/DESCRIPTION

03-08

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Marketing network 09-10 Enterprise Qualification 11 Product certification 12 Trade fair 13 Project case A-OK SMART 15-24 Smart solutions **SOLUTIONS FOR OUTDOOR SUNSHADINGS** Motorized roller shutter 27-28 Motorized awnings 29-30 Motorized zip screen 31-32 Motorized external venetian 33-34 Motorized pergola 35-36 Motorized FTS skylights 37-38 Motorized louver 39-40 Motorized folding canopy 41-42 **TUBULAR MOTOR SERIES** AM35 Built-in Li-ion Battery DC Motor 45-46 AM35 External NiMH Battery Obstacle Detection DC Motor 47-48 AM35 Mechanical Limit AC Motor 49 AM35 Electronic Limit Radio AC Motor 50 AM45 Built-in Li-ion Battery Obstacle Detection DC Motor 53 AM45 External NiMH Battery Obstacle Detection DC Motor AM45 Wi-Fi Obstacle Detection AC Motor 55-56 AM45 AC Powered Radio Super Short Obstacle 57 Detection DC Motor AM45 AC Powered Ultra Quiet Electronic Limit Obstacle 58 Detection DC motor AM45 Wired Obstacle Detection AC Motor 59-60 AM45 Radio Obstacle Detection AC Motor 61-62

AM45 Wi-Fi Electronic Limit Radio Awning AC Motor

AM45 Wired Zip Screen Obstacle Detection AC Motor

AM45 Radio Zip Screen Obstacle Detection AC Motor

AM45 Radio Zip Screen Obstacle Detection DC motor

AM45 Wired Zip Screen Mechanical Limit DC Motor

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A-OK was established in 1998

dedicated to professional design and precision

manufacturing of door and window motors and

intelligent control systems.

We create smart living spaces with motorized

quality sun protection for global users!



180+ / COUNTRIES / COUNTRIES

1000+ / EMPLOYEES

\$100 / Million / SALES REVENUE

300+ / PATENTS

75000 / manufactory

175000/ $^{m^2}_{A-OK Building}$



HUIZHOU **MANUFACTURE PLANT**





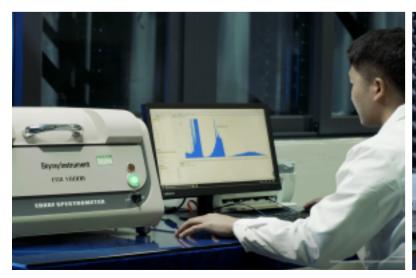
Create A-OK Elite Team, Build Industry First-class Brand

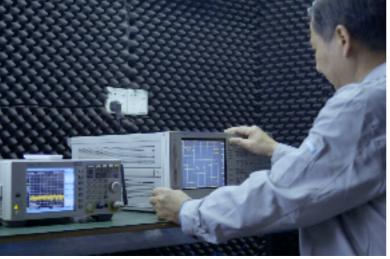
It's impossible to create brand overnight, but require elaborate design, crafted manufacturing, gradual improvement and perfection. Therefore, perfection seeking requires meticulousness, will and patience. Perfection seeking is to be responsible for the customers and markets.

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.

A-OK Quality Principle: High Standard, Lean Production, Zero Defect

The company adopts the Japanese Toyota refined management model and strictly implements the ISO9001 quality management system to make our products have good operability and long-term stability.









WORLD WIDE SALES NETWORK

A-OK DISTRIBUTOR RECRUITMENT IS IN FULL SWING!

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



QUALIFICATION

Draft Committee Member











Awards



AC145 Remote







Red Dot



R+T Stuttgart



R+T ASIA Product of the year



Best smart product

2021



Vertical motor Customer's choice



2015-Sun Shading & Designer alliance Lotus Award

Patents

More than 300+ patents acquired across global



System and method for synchronized control of light-controlling sun-shades.

æ The state of the

method and dual motor



and positioning test systems



roller shutter windows and doors



system and its control method



for electronic limit travel

CERTIFICATIONS



China compulsory product certification system



ETL Certification (Canada & US)



c-TUV-us



German Technical Supervision Association



NF Certification (France)



UL Certification



CB Certification



FCC Certification



EU mandatory safety certification



UL Certification (North Americe)







TUV Certification



Korea KC



RCM Certification Australia



UK UKCA certification







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.

TRADE FAIR PROJECT CASE





































A-OK **SMART**

森matter 🙋 🞧 🐉 🞹







Daylight management systems



A-OK is providing rich diversity of motorization and automation for window shades indoor and outdoor, which adds convenience to your busy life by automating the balance of natural and artificial light in your home. Let the light in when you wake up, but keep the glare away when you need to focus, and even increase energy efficiency in your home. Schedule your motorized blinds and shades to open and close on the schedule, that's best for you and your family.

Playing with A-OK smart motors driving by advanced technology, turn your living space into an intelligent connected world.

MOTORIZATION CONNECTED



Family Sharing

Share this smart curtain switch to your family members to share the convenience together Support one mobile phone to control multiple devices or multiple mobile phones to control one device



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.



Timer

Those shades with smart motors can be programmed with timer. It allows your roller blinds on different windows to be open or closed automatically at the pre-set timings, based on you comfortable needs.



Battery status

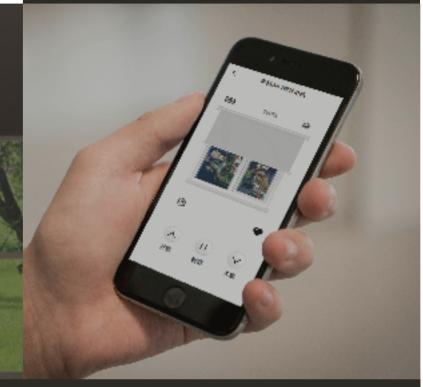
Customizing function. We will add the Battery status" to feedback the real time rest power of the motor and shades.



















Remote Control

Pair the tubular motor with handheld or wall-mount remotes. And you can control the roller shades by individual or group. Using smart motors for hard-to-reach shades or curtains, and control them easily by clicking the button on the remotes



Voice Commands

Users can use the voice commands to control the shades. Google, Alexa, Siri, etc



Bi-directional feedback

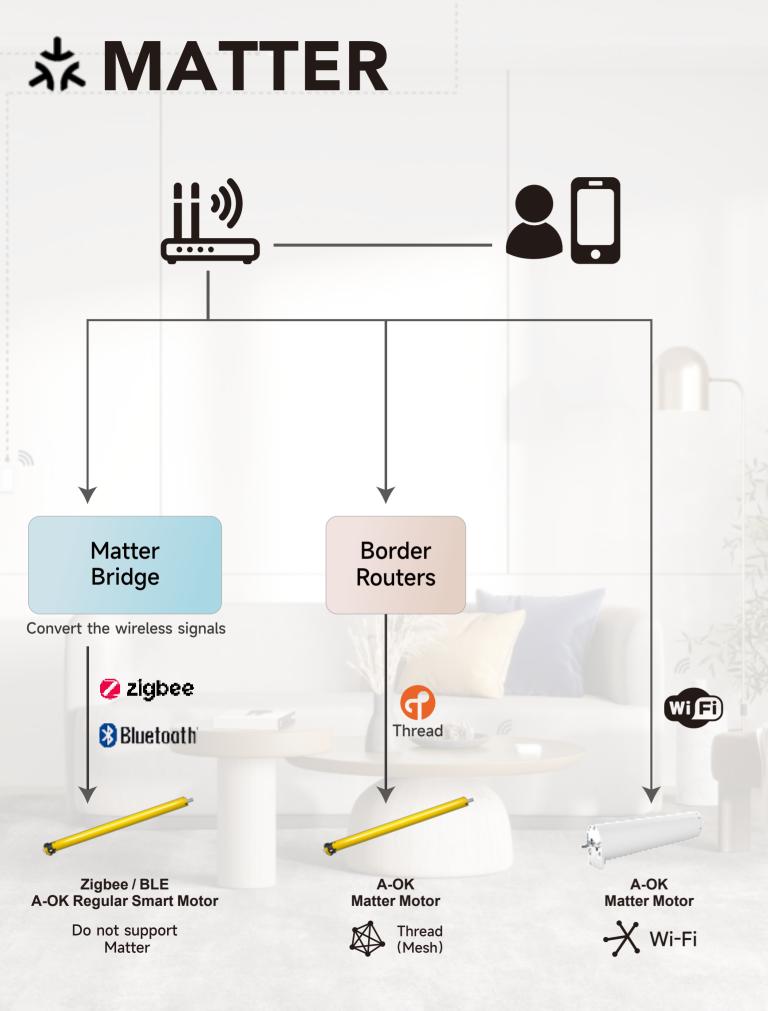
Roller shades' openess is visible on the App as percentage, only when top& bottom limits finished setting.

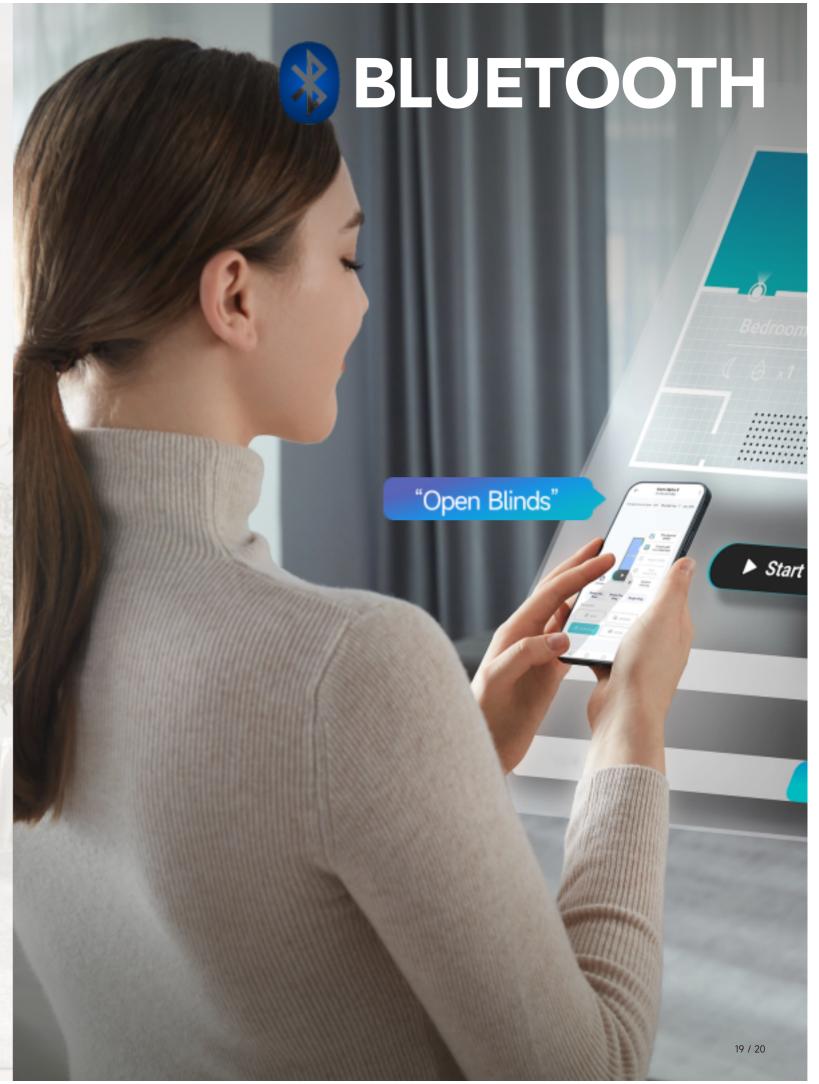


Entertainment Scenes

Scenes are some pre-configured settings under a unique name. It is useful for homeowners to streamline their daily routines. A click, timing or action is enough to trigger the scenarios to control multiple smart devices simultaneously.















SOLUTIONS FOR OUTDOOR SUNSHADINGS

Motorized roller shutter

Motorized awning

Motorized zip screen

Motorized external venetian

Motorized pergola

Motorized FTS skylight

Motorized louver

Motorized folding canopy

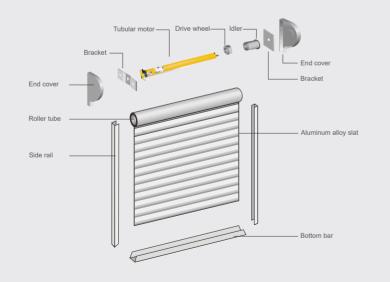




MOTORIZED ROLLER SHUTTER

A motorized roller shutter is a roller shutter with a tubular motor fitted within the roller axle tube. Automatic operation can be added. Controlled with a smart phone, remote, or hardwired switch. This is designed for energy efficiency, safety, privacy, sun protection, weather protection, light control, etc. With A-OK motor, the roller shutter has never been easier to control your home, wherever you are, whenever you want to open or close. A simple click on your remote or a light swipe on your smart phone! A-OK simplifies your life!

Structure



\bigcirc

Safety & Security



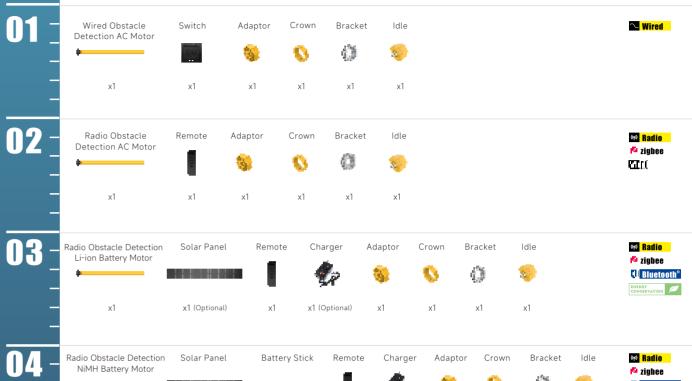
Energy Savings



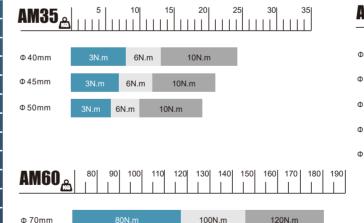


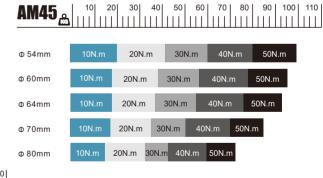
Sun-light Adjustment

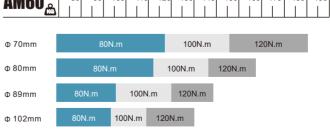
RECOMMENDED SOLUTION











ROLLER SHUTTER HEIGHT UP TO 2500 MM

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

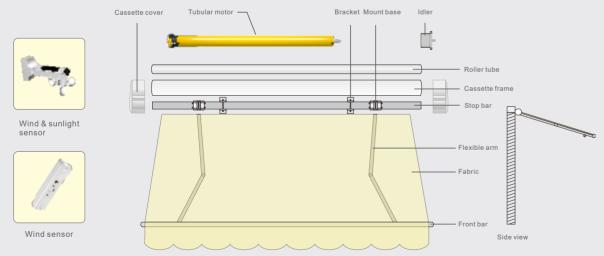
*Select suitable motors for your roller shutter, please refer to the above chart according to your needs. For more information, please check detailed technical parameters on motor pages.



MOTORIZED AWNING

Awning has a comprehensive external sunshade function, can completely block ultraviolet radiation, reduce indoor temperature, reduce air conditioning load, awning has energy saving effect, from the perspective of energy saving and environmental protection. It is of great significance: while blocking the hot summer, it can reflect the strong sunlight into the room in the form of diffuse light, so that the indoor light is bright but not blinding, and does not affect the landscape outside the window from the indoor, and extends people's living space from the indoor to the outdoor, creating a new living space.

Structure











Fabric Protection



Energy Savings

RECOMMENDED SOLUTION

Awning AC Motor

Radio Awning LED

Radio Awning

Li-ion Battery Motor

Wind & Sunlight Remote

Wind Sensor

Adaptor

 \sim Wired « Radio

Bracket

Bracket

Remote

Solar Panel

x1 (Optional)

Wind & Sunlight Wind Sensor

LED Strip

Adaptor Crown

Remote Charger Wind & Sunlight Wind Sensor Adaptor Crown Bracket Idle

 Radio 🧖 zigbee **VIII**

(v) Radio

🌈 zigbee **3** Bluetooth°

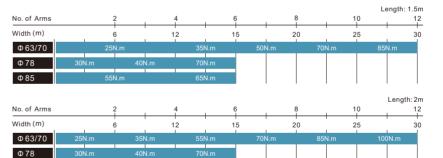
03

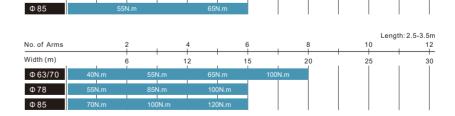
04

Crank Crank operated

 \sim Wired Radio
 Radio

AC Motor





					Le	ngth: 3.5-5m
No. of Arms	2	4	6	8	10	12
Width (m)	6	12	15	20	25	30
Φ 63/70	55N.m	85N.m	100N.m			
Φ78	85N.m	100N.m	120N.m			
Φ85	100N.m	120N.m				

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

 $^{{}^*}$ Select suitable motors for your awning, please refer to the above chart according to your needs. For more information, please check detailed technical parameters on motor pages.

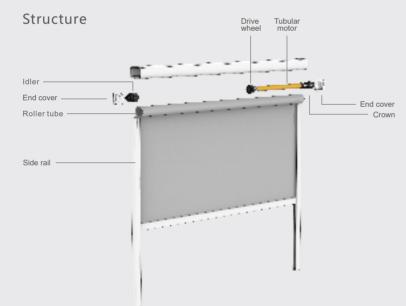
^{*}For accessories details please see page 149-156



MOTORIZED ZIP SCREEN

The zip screen may be a typical screen system, with its urbane technical design, it creates a modish touch to administrative buildings and family homes. It's important to safeguard the interiors of your residential apartment or office space from pollution and prying neighbors. Zip screen outdoor sunshade can reduce undesired heat within the home by choking up to 90 percent of warmth and UV received from direct sun onto your casement, also offers shielding from rain and gusty winds.

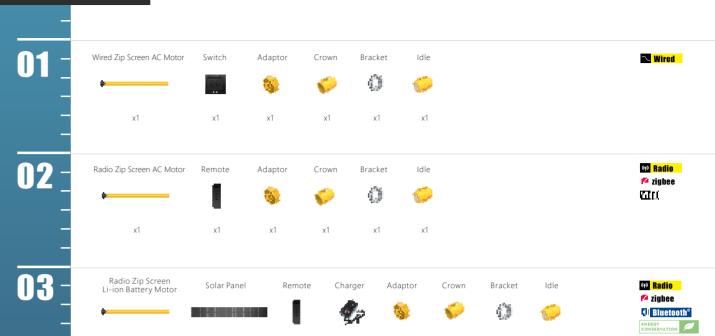
AM45 Zip screen motor for outdoor Zip screens and roller blinds. With the function of reverse running in case of obstruction, guide rails are protected from being damaged by the wind when running upwards or downwards, and the fabric remains taut.



RECOMMENDED **SOLUTION**

04

05

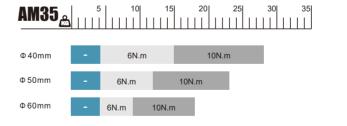


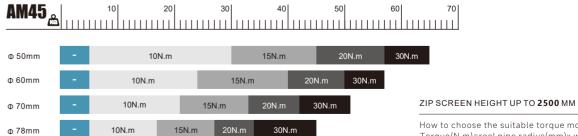






 Radio 🧖 zighee **VIII**





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

Ease of Use

^{*}Select suitable motors for your Zip screen, please refer to the above chart according to your needs. For more information, please check detailed technical parameters on motor pages.

^{*}For accessories details please see page 149-156



MOTORIZED EXTERNAL VENETIAN BLIND

External Venetian blinds are a sleek, modern choice for owners of new homes. External Venetian blinds can be operated by a remote control, making them extremely user-friendly. If you're looking for a window treatment option that is stylish and practical, motorised Venetian blinds are the way to go.

AM55 AC outdoor blinds motor, mainly used for small and medium-sized outdoor aluminum blinds, widely used for outdoor shading system in office buildings, conference rooms, family homes, with shading and dimming functions. According to the needs of users, more accurate adjustment of indoor natural lighting, to achieve the best visual comfort.

Structure



RECOMMENDED SOLUTION

Limit Setting Switch

x1 (Optional)

Bracket

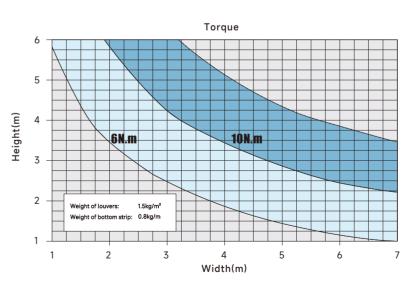
(º) Radio

∼ Wired

 Radio 🧖 zigbee

03





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

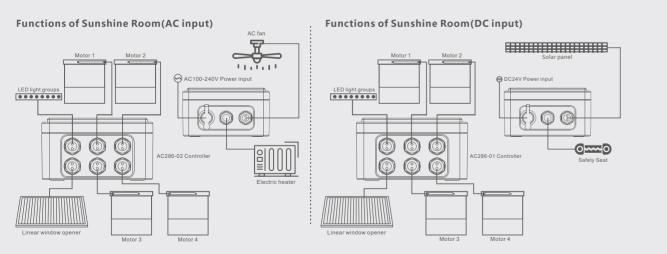
^{*}For accessories details please see page 149-156



MOTORIZED PERGOLA

The integrated solution of outdoor sunshine room meets your primitive desire to embrace nature at any time. 4 sunshade roller binds with personalized control of the top canopy, playing with sun and enjoying the natural pleasure when open, experiencing tranquility and keeping your private space when close. 200W AC fan and 1500W electric heater, cold and heat regulation, embracing the scenery without seasonal limit, decorating your garden with electrodeless dimming LED light band. IP65 grade, protecting your private territory without fear of wind and rain.

Solar charging provides solutions for no power supply outdoor sunroom. It is not required to wire in advance and just to be installed at any times. Monocry stalline silicon solar panels have a high conversion rate and long service life. Prevention level IP65.



RECOMMENDED SOLUTION

DC Linear actuator

LED Strip Electric Heater Radio
 🧧 zigbee **WILL**

DC Linear actuator

RGB LED Strip

«» Radio 🧖 zigbee

03

Wired Zip Screen DC Motor





LED Strip

Electric Heater



AM35 5 10 15 20 25 30 35 10 20 30 40 50 60 70

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

ZIP SCREEN HEIGHT UP TO 2500 MM

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





^{*}For accessories details please see page 149-156

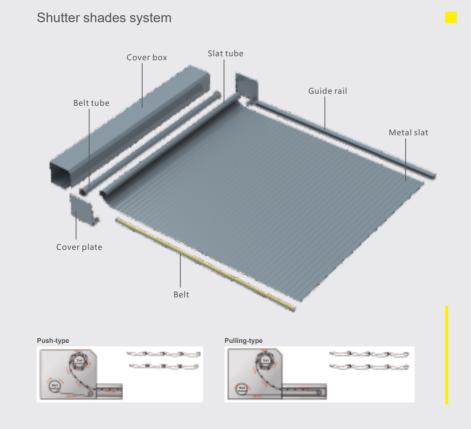


SOLUTION

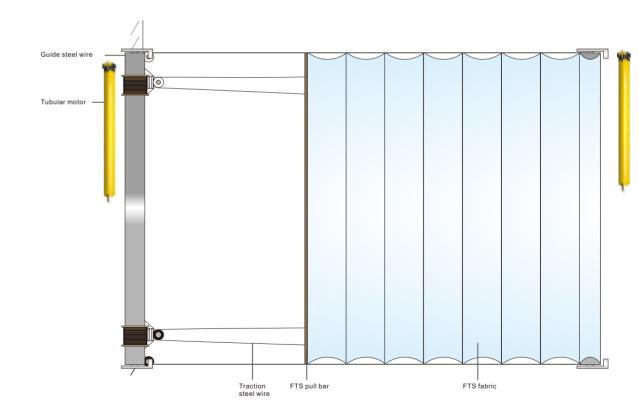
Wired FTS Skylights Wired FTS Skylights Central controller AC Motor AC Motor (AC291-01-FTS) (v) Radio Bracket Wired FTS Skylights Wired FTS Skylights Central controller AC Motor AC Motor (AC291-02-FTS) (v) Radio AM45-25/30-FTS AM45-25/30-FTS

MOTORIZED FTS SKYLIGHTS

Suitable for high-grade large-scale building shading places such as: laboratories, flower gardens, factories, stadiums, shopping malls and swimming pools indoor and outdoor roof shading and other places. Motorized FTS skylights are mainly used for light roof shading, with good shading effect, creating a comfortable light environment for the interior. The system can prevent the greenhouse effect in the glass roof, and can adjust the amount of natural lighting. Two motors and one electronic control box compose of motorized FTS skylights system to keep the surface of the slats taut, can be connected with automatic control devices, with switch control or remote control, and integrated with building automation system.



Fabric shades system





Sun-light Adjustment



37 / 38

 $^{^*}$ Select suitable motors for your FTS skylight, please refer to the above chart according to your needs. For more information, please check detailed technical parameters on motor pages.



MOTORIZED LOUVER

Motorized louver ,the basic functions include ventilation, shading and concealment. The adjustable angle of the hundred blades can ensure the indoor natural ventilation, and at the same time can prevent outdoor harmful ultraviolet radiation: Automatic fire exhaust and ventilation combined, connected with the fire system, in emergency, can be automatically opened to achieve the effect of smoke exhaust Motorized louver mainly used in factory smoke exhaust ventilation, civil sunshade anti-theft. Building exterior facade surfaces, typhoon protection Settings, improved ventilation Settings, school protection Settings, etc., can be achieved through different design or installation methods of

The system characteristics1.Lighting and shading :the turning angle of the blade can be adjusted according to the angle of sun expose to achieve the best effect of shading and dimming .2. Heat preservation, heat insulation, noise reduction: when the blades are closed, the sash is airtight, and the hundred blades are double hollow design, which can effectively maintain the indoor temperature and isolate the outdoor high temperature, and can reduce the noise of more than 30 db.3. Fire control: can receive fire signals, such as smoke sensor, temperature sensor probe, fire emergency button, and receive the signal sent by the fire control center, as an automatic smoke exhaust cooling gate.

RECOMMENDED SOLUTION



03 DC Linear actuator

DC Linear actuator

x1 (Optional)

Bracket

x1 (Optional)

External radio receiver

Bracket

x1 (Optional)

Bracket

x1 (Optional)

Bracket Bracket

x1 (Optional)

Control box Bracket

x1 (Optional)

x1 (Optional)

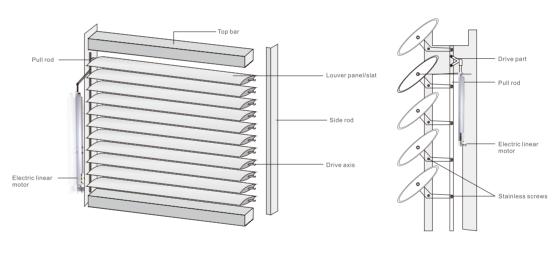
Bracket

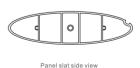
Radio
 Radio

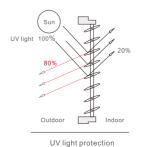
 \sim Wired

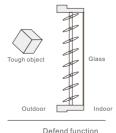
Radio
 Radio

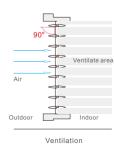


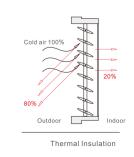
















Energy Savings

Ease of Use



MOTORIZED FOLDING CANOPY

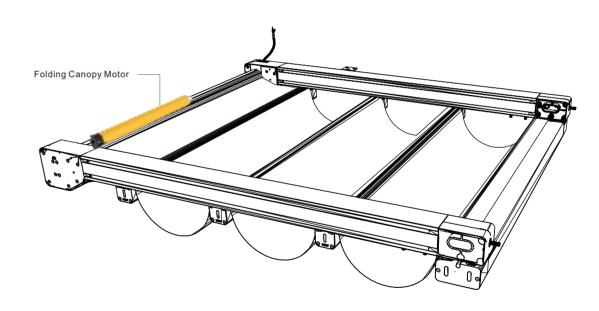
Folding canopy, using the motor to drive the aluminum alloy coil tube rotation, so that the fabric coiled on the coil tube extend and withdraw, while relying on the arm support rod within the spring force will make fabric taut.

The system has a maximum shading area of 50 square meters and an opening angle of 0~130 degrees, which can be operated by switch, remote control, wind and light control and other control methods. With comprehensive external sunshade function, it can completely block ultraviolet radiation, reduce indoor temperature and air-conditioning load, the awning has energy-saving effect, which is of great significance from the point of view of energy saving as well as environmental protection; at the same time of blocking the hot summer, it can make the strong sunlight reflected into the interior in the form of diffuse light to make the indoor light bright but not dazzling, and does not affect the view to outside. People's living space from the indoor extends to the outdoor, creating a new living space. Its sunshade fabric has a special anti-ultraviolet function, not only to keep the human skin from ultraviolet rays, but greatly extend the life time of interior decoration and furniture.

RECOMMENDED SOLUTION

Radio
 Radio

 \sim Wired











Energy Savings

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

TUBULAR MOTOR SERIES

AM35 SERIES

AM45 SERIES

AM60 SERIES





Built-in Li-ion Battery DC Motor





New Motor Hea

0

Power Sup

O

















USB-C charging port

 Support for fast charging and is compatible with USB-C power adapters and computer



Solar Powerd

■ Solar power generation, sustainable energy source.



Built-in rechargeable battery

■ Motor built-in rechargeable 3000mAh lithium-ion battery, which support 6 months operation if runs 1 cycle per day. (1 cycle= 1 UP & 1 Down)



Silent & smooth movement

• With patents design features to reduce motor operating

Come with the soft start-stop to protect the roller shutter from damage.



Flexible limit setting mode

Setting limits in automatically mode, in semiautomatically mode or setting limits in manual mode.



Communication & Control Options

■ With duel Zigbee /Bluetooth smart chipset and radio chipset, available for variety control options via remote, APP or voice assistant



Compatible with sun & wind sensor

■ Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and heat loss in the winter.



Solar charging panel

Concealed antenna

bracket adaptor hole

USB-C charging port

charging solution

the sunshine strong and weak.

power consumption during

time to max 1.5 years.

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

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

Wide voltage Solar charging solution. Solar charging voltage fluctuates with

Mechanical power switch can cut off the

transportation and extend the storage

Reserved

+ Solar

 Mechanical power switch

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

Available for powering the DC motors (AC605-01)





USB-C Cable Charger Adaptor

AC100-240V input, DC5V/3A output





















External NiMH Battery Obstacle Detection DC Motor



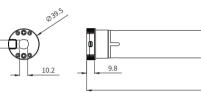
Installation

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Application













Obstacle detection

- Stops the shutter from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

Setting limits in automatically mode, in semiautomatically mode or setting limits in manual mode.



Communication & Control Options

Silent & smooth movement

from damage.

■ With duel Zigbee /Bluetooth smart chipset and radio chipset, available for variety control options via remote, APP or voice assistant

■ With patents design features to reduce motor operating

Come with the soft start-stop to protect the roller shutter



Recalibrate End-stop positions

 Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time.



Compatible with sun & wind sensor

■ Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.



remote control

Anti-freezing Protection

■ Stops the motor if frost or ice freezes the shutter















Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM35-6/18-R-ES-D	6N.m	18rpm	35mm	DC 12V	36W	3A	IP44
AM35-10/13-R-ES-D	10N.m	13rpm	35mm	DC 12V	36W	3A	IP44
AM35-6/18-R-ES-D-Z	6N.m	18rpm	35mm	DC 12V	36W	3A	IP44
AM35-10/13-R-ES-D-2	Z 10N.m	13rpm	35mm	DC 12V	36W	3A	IP44

ENERGY SAVING

Find out the factor that it would greatly affect your cost savings, home value, and environmental impact from installing a solar powered shutter motor.



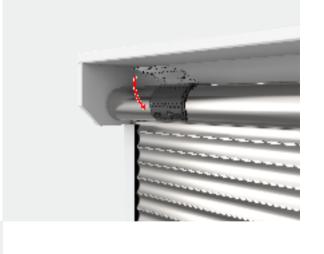


OBSTACLE RECOGNITION EITHER UPWARD OR DOWNWARD

The shutter motor would stop and roll back automatically if any objects are encountered during operation.

ACCESSORIES REQUIRED

End stop locker components are required to practice self learning end limit stops, which would save a lot of time to do adjustment.





PROTECTION AGAINST FREEZING

The motor will not operate if the guides and/or slats are frozen.

Mechanical Limit AC Motor

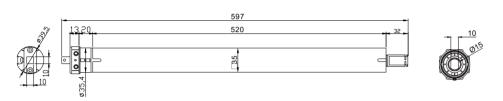


AM35 Series

Features















Mechanical limit switch reliable and easy adjustment of the limit switches.



High impact resistant relay, industrial-grade CPU



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



Optional Connections, wired switch, controls via radio







Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM35-6/28	6N.m	28rpm	35mm	230V	115W	0.485A	IP44
AM35-10/17	10N.m	17rpm	35mm	230V	115W	0.485A	IP44
AM35-6/28-E	6N.m	28rpm	35mm	230V	115W	0.485A	IP44
AM35-10/17-E	10N.m	17rpm	35mm	230V	115W	0.485A	IP44

		White
120V AC 60Hz	AC 120V 60Hz	Black
		Green

_			Green=	Earth	Green=Earth			
	Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
	AM35-6/28	6N.m	28rpm	35mm	120V	130W	1.1A	IP44
	AM35-10/17	10N.m	17rpm	35mm	120V	130W	1.1A	IP44
	AM35-6/28-E	6N.m	28rpm	35mm	120V	130W	1.1A	IP44
	AM35-10/17-E	10N.m	17rpm	35mm	120V	130W	1.1A	IP44

Electronic Limit Radio AC Motor

















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



High impact resistant relay, industrial-grade CPU





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



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



Model No.		Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM35-6/28-MEL	6N.m	28rpm	35mm	230V	115W	0.485A	IP44
AM35-10/17-MEL	10N.m	17rpm	35mm	230V	115W	0.485A	IP44



Model No.		Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM35-6/28-MEL	6N.m	28rpm	35mm	120V	115W	1.1A	IP44
AM35-10/17-MEL	10N.m	17rpm	35mm	120V	115W	1.1A	IP44

Φ45 MOTORS NEW PLUG & PLAY SERIES

D Designed for Silence

Energy Saving

Solar powered & Sensor control reduces energy consumption.

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



A Multiple control methods

WIFI \ RF \ RS485 & Dry Contact \ Zigbee \ Bluetooth





Self-learing end limit positions, stop and roll back if there is any obstacle encountered during operation.



Silent & smooth movement, no continuous working time limitation.



Built-in Li-ion Battery Obstacle Detection DC Motor







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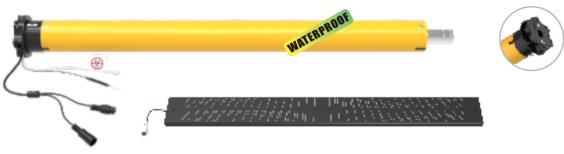
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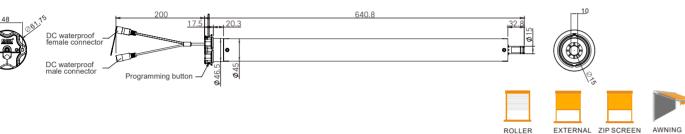
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Obstacle detection

- Stops the shutter from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

Setting limits in automatically mode, in semiautomatically mode or setting limits in manual mode.



Recalibrate End-stop positions

 Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time.



Anti-freezing Protection

• Stops the motor if frost or ice freezes the shutter



Adjustable speed

 Motor with high speed and low speed optional, adjusting the speed by remote.



Communication & Control Options

Built-in rechargeable battery

(1 cycle= 1 UP & 1 Down)

Solar Powerd

■ With duel Zigbee /Bluetooth smart chipset and radio chipset, available for variety control options via remote, APP or voice assistant

 Motor built-in rechargeable 5000mAh lithium-ion battery, which support 6 months operation if runs 1 cycle per day.

■ Solar power generation, sustainable energy source.



Compatible with sun & wind sensor

■ Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.



Automatically checking/changing direction

■ The motor direction can be reversed automatically, if the motor moving direction was wrong.



remote control





control





control



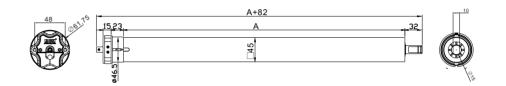
sensor

Model NO.	Rated Torque	Rated RPM	Motor Diameter	Rated voltage	Rated power	Rated current	IP class
AM45-10/20-R-ES-E	10N.m	20rpm	45mm	DC12V	36W	3A	IP44
AM45-20/12-R-ES-E	20N.m	12rpm	45mm	DC12V	60W	5A	IP44
AM45-10/20-R-ES-E	-Z 10N.m	20rpm	45mm	DC12V	36W	3A	IP44
AM45-20/12-R-ES-E	-Z 20N.m	12rpm	45mm	DC12V	60W	5A	IP44

External NiMH Battery Obstacle Detection DC Motor











Obstacle detection

- Stops the shutter from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

• Setting limits in automatically mode, in semiautomatically mode or setting limits in manual mode.



Silent & smooth movement

Solar Powerd

• With patents design features to reduce motor operating

Solar power generation, sustainable energy source.

Come with the soft start-stop to protect the roller shutter

from damage.



Recalibrate End-stop positions

 Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time.



Anti-freezing Protection

■ Stops the motor if frost or ice freezes the shutter in place.



Communication & Control Options

■ With duel Zigbee /Bluetooth smart chipset and radio chipset, available for variety control options via remote, APP or voice assistant



Compatible with sun & wind sensor

■ Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.



remote control





control



control





sensor



sensor

Model NO.	Rated Torque	Rated RPM	Motor Diameter	Rated voltage	Rated power	Rated current	IP class
AM45-10/12-R-ES-D	10N.m	12rpm	45mm	DC12V	36W	3A	IP44
AM45-20/12-R-ES-D	20N.m	12rpm	45mm	DC12V	60W	5A	IP44

Wi-Fi Obstacle Detection AC Motor



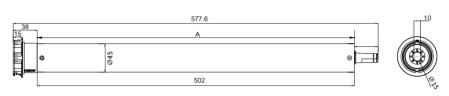


Smart

Parameters















Obstacle detection

- Stops the shutter from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

Setting limits in automatically mode, in semi-automatically mode or setting limits in manual mode.



Available for a variety of control systems, motor built-in Wi-Fi smart chip, controlling shutter with a remote, with APP or with voice assistant.



Compatible with sun & wind sensor

■ Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter



Recalibrate End-stop positions

■ Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time.



Anti-freezing Protection

• Stops the motor if frost or ice freezes the shutter in place.



















Remote Control

230V AC 50/60Hz



Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-6/17-R-E-W	6N.m	17rpm	45mm	444mm	230V	115W	0.5A	IP44
AM45-10/17-R-E-W	10N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-15/17-R-E-W	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-20/17-R-E-W	20N.m	17rpm	45mm	464mm	230V	170W	0.7A	IP44
AM45-30/17-R-E-W	30N.m	17rpm	45mm	482mm	230V	200W	0.9A	IP44

120V AC 60Hz



Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-6/17-R-E-W	6N.m	17rpm	45mm	444mm	120V	130W	1.1A	IP44
AM45-10/17- R-E-W	10N.m	17rpm	45mm	444mm	120V	135W	1.5A	IP44
AM45-15/17- R-E-W	15N.m	17rpm	45mm	444mm	120V	135W	1.5A	IP44
AM45-20/17-R-E-W	20N.m	17rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-30/17- R-E-W	30N.m	17rpm	45mm	482mm	120V	200W	1.7A	IP44

AC Powered Radio Super Short Obstacle Detection DC Motor





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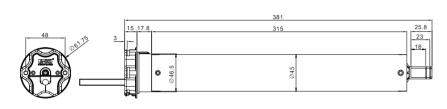
Features

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Obstacle detection

- Stops the shutter from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

 Setting limits in automatically mode, in semiautomatically mode or setting limits in manual mode.



Compatible with sun & wind sensor

Silent & smooth movement

 Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.

With patents design features to reduce motor operating

Come with the soft start-stop to protect the roller shutter



Recalibrate End-stop positions

 Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time.



Waterproof Plug-in cable

■ Patented motor head design with waterproof Plug-in cable makes installation guick and easy



Anti-freezing Protection

from damage.

• Stops the motor if frost or ice freezes the shutter in place.





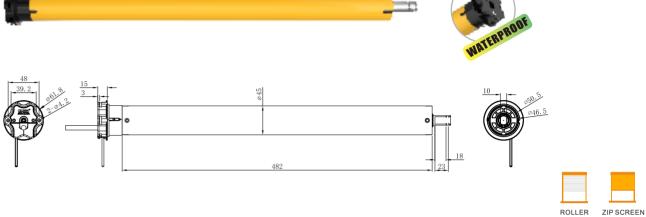




Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-6/17-R-XP	6N.m	17rpm	45mm	100~240V	70W	0.55A	IP44
AM45-6/17-R-E-XP	6N.m	17rpm	45mm	100~240V	70W	0.55A	IP44
	lue=Neutral rown=Live AC 100~	240V 50/60Hz	Blue=Neutral Black=Up/Down				

AC Powered Ultra Quiet Electronic Limit Obstacle Detection DC motor







Obstacle detection

- Stops the shutter from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

■ Setting limits in automatically mode, in semi- automatically mode or setting limits in manual mode.



Recalibrate End-stop positions

■ Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time



Adjustable speed

■ Motor with high speed and low speed optional, adjusting the speed by remote.



Silent & smooth movement

- With patents design features to reduce motor operating sound.
- Come with the soft start-stop to protect the roller shutter from



Compatible with sun & wind sensor

 Will adjust automatically to weather conditions by sun sensor and wind Sensor, provide great sun protection in summer and avoid heat loss in the winter.



Anti-freezing Protection

■ Stops the motor if frost or ice freezes the shutter in place



Waterproof Plug-in cable

■ Patented motor head design with waterproof Plug-in cable makes installation quick and easy.









Rated RPM Motor Diameter Tube Length A Voltage 120V / 230V 0.65 / 0.3A



AM45-10/17-MEL-HV-XP 10N.m



Wired Obstacle Detection AC Motor

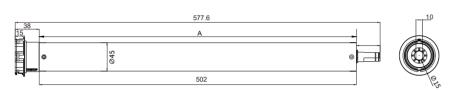


Fast installing











Obstacle detection

- Stops the shutter from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

• Setting limits in automatically mode, or setting limits in manual mode.



Recalibrate End-stop positions

 Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time.



Anti-freezing Protection

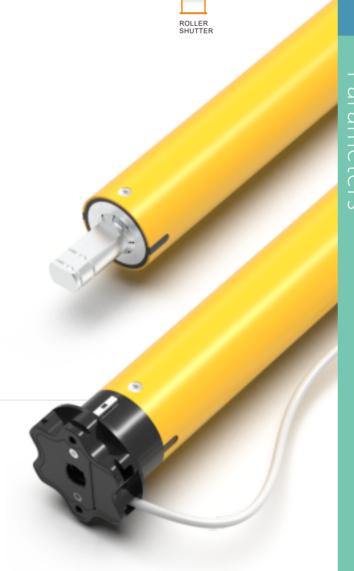
■ Stops the motor if frost or ice freezes the shutter in place.



Switch contro



Limit cotting owitch





230V AC 50/60Hz



Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-6/17-R	6 N.m	17rpm	45mm	444mm	230V	115W	0.5A	IP44
AM45-10/17-R	10N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-15/17-R	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-20/17-R	20N.m	17rpm	45mm	464mm	230V	170W	0.7A	IP44
AM45-30/17-R	30N.m	17rpm	45mm	482mm	230V	200W	0.9A	IP44

120V AC 60Hz



Model No.	Rated Torque	Rated RPM	Motor Diameter		Rated Voltage	Rated Power	Rated Current	IP Class
AM45-6/17-R	6N.m	17rpm	45mm	444mm	120V	130W	1.1A	IP44
AM45-10/17-R	10N.m	17rpm	45mm	444mm	120V	135W	1.2A	IP44
AM45-15/17-R	15N.m	17rpm	45mm	444mm	120V	135W	1.2A	IP44
AM45-20/17-R	20N.m	17rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-30/17-R	30N.m	17rpm	45mm	482mm	120V	200W	1.7A	IP44

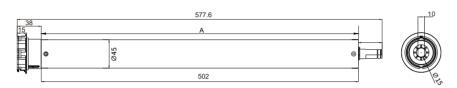
Radio Obstacle Detection AC Motor













<u>Parameters</u>



Obstacle detection

- Stops the shutter from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

■ Setting limits in automatically Mode, in semi-automatically mode or setting limits in manual mode.



Anti-freezing Protection

shutter from damage.

Silent & smooth movement

• Stops the motor if frost or ice freezes the shutter in place.

■ With patents design features to reduce motor operating

Come with the smooth movement to protect the roller



Recalibrate End-stop positions

 Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time.



Compatible with sun & wind sensor

■ Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.





RS485 control













Model No.	Rated Torque	Rated RPM	Motor Diameter		Rated Voltage	Rated Power	Rated Current	IP Class
AM45-6/17-R-E	6N.m	17rpm	45mm	376mm	230V	115W	0.5A	IP44
AM45-10/17-R-E	10N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-15/17-R-E	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-20/30-R-E	20N.m	30rpm	45mm	494mm	230V	250W	1.1A	IP44
AM45-20/17-R-E	20N.m	17rpm	45mm	464mm	230V	170W	0.7A	IP44
AM45-30/17-R-E	30N.m	17rpm	45mm	482mm	230V	200W	0.9A	IP44

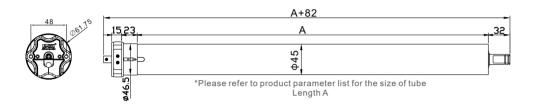


Model No.	Rated Torque	Rated RPM	Motor Diameter		Rated Voltage	Rated Power	Rated Current	IP Class
AM45-6/17-R-E	6N.m	17rpm	45mm	376mm	120V	130W	1.1A	IP44
AM45-10/17-R-E	10N.m	17rpm	45mm	444mm	120V	135W	1.2A	IP44
AM45-15/17-R-E	15N.m	17rpm	45mm	444mm	120V	135W	1.2A	IP44
AM45-20/30-R-E	20N.m	30rpm	45mm	494mm	120V	300W	2.5A	IP44
AM45-20/17-R-E	20N.m	17rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-30/17-R-E	30N.m	17rpm	45mm	482mm	120V	200W	1.7A	IP44

Wi-Fi Electronic Limit Radio Awning AC Motor











Back-release Function

■ After reaching the upper limit automatically performs a short backwards, With Fabric "BACK RELEASE" function to extend fabric life.



Support LED Stripe Optional

■ Motor type CAL with 24V power output that can connect LED strip to realize Stepless LED light dimming by remote.



Semi-automatically limit setting

 Automatic setting Upper limit by meeting obstacle, Lower limit setting by manual.



Communication & Control Options

■ With Wi-Fi smart chipset and radio chipset, available for variety control options via remote, APP or voice assistant



Self-adjustits Upper-stop positions

 Automatically correct the Upper-stop positions every 25 cycles to ensure the accuracy of the stop positions.(1 cycle= 1 UP & 1 Down)



Compatible with sun & wind sensor

Awning will automatically open/close according to the weather conditions by sun sensor and wind sensor, providing great sun protection in summer.



FSK Bi-directional technology

- FSK technology with long-distance and good sensitivity.
- 868MHz Bi-directional communication technology with super security to protect your awning.



ON/OFF sun sensor

Remote with a button can ON/OFF sun sensor















Stepless Dimming





Model No.	Rated Torque	Rated Speed	Motor Diameter			Rated Power	Rated Current	IP Class
AM45-15/17- MEL-CA-W	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-30/17- MEL-CA-W	30N.m	17rpm	45mm	482mm	230V	200W	0.9A	IP44
AM45-50/12- MEL-CA-W	50N.m	12rpm	45mm	494mm	230V	250W	1.1A	IP44
AM45-15/17- MEL-CAL-W	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-30/17- MEL-CAL-W	30N.m	17rpm	45mm	482mm	230V	200W	0.9A	IP44
AM45-50/12- MEL-CAL-W	50N.m	12rpm	45mm	494mm	230V	250W	1.1A	IP44



Model No.	Rated Torque	Rated Speed	Motor Diameter			Rated Power	Rated Current	IP Class
AM45-15/17- MEL-CA-W	15N.m	17rpm	45mm	444mm	120V	135W	1.2A	IP44
AM45-30/17- MEL-CA-W	30N.m	17rpm	45mm	482mm	120V	200W	1.7A	IP44
AM45-50/12- MEL-CA-W	50N.m	12rpm	45mm	494mm	120V	300W	2.5A	IP44
AM45-15/17- MEL-CAL-W	15N.m	17rpm	45mm	444mm	120V	135W	1.2A	IP44
AM45-30/17- MEL-CAL-W	30N.m	17rpm	45mm	482mm	120V	200W	1.7A	IP44
AM45-50/12- MEL-CAL-W	50N.m	12rpm	45mm	494mm	120V	300W	2.5A	IP44

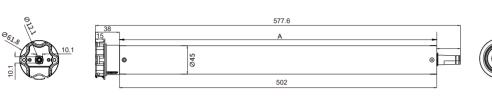
Wired Zip Screen Obstacle Detection AC Motor



Series

Dimension















Obstacle detection

- Stops the shutter from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Recalibrate End-stop positions

 Automatically recalibrate the end-stop positions every 100 cycles to remain the best



Flexible limit setting mode

■ Setting limits in automatically Mode, or setting limits in manual mode.



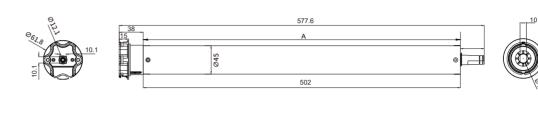
Model	Rated Torque	Speed	Motor Size	tube length A	Rated Voltage	Rated power	Rated Current	IP Class
AM45-10/17-ZS	10N.m	17rpm	45mm	502mm	230V	135W	0.6A	IP44
AM45-15/17-ZS	15N.m	17rpm	45mm	502mm	230V	135W	0.6A	IP44
AM45-20/17-ZS	20N.m	17rpm	45mm	502mm	230V	170W	0.7A	IP44
AM45-30/17-ZS	30N.m	17rpm	45mm	502mm	230V	200W	0.9A	IP44

AM45

Radio Zip Screen Obstacle Detection AC Motor









Obstacle detection

- Stops the blinds from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

 Setting limits in automatically mode, in semiautomatically mode or setting limits in manual mode.

Communication & Control Options

Available for a variety of control systems, motor built-in Wi-Fi smart chip, controlling blinds with a remote, with APP or with voice assistant.



Compatible with sun & wind sensor

■ Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.



Recalibrate End-stop positions

■ Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time



















ZIP SCREEN CABLE GUIDES SCREEN WITH

Model	Rated Torque	Speed	Motor Size	tube length A	Rated Voltage	Rated power	Rated Current	IP Class
AM45-10/17-ZS-E	10N.m	17rpm	45mm	502mm	230V	135W	0.6A	IP44
AM45-15/17-ZS-E	15N.m	17rpm	45mm	502mm	230V	135W	0.6A	IP44
AM45-20/17-ZS-E	20N.m	17rpm	45mm	502mm	230V	170W	0.7A	IP44
AM45-30/17-ZS-E	30N.m	17rpm	45mm	502mm	230V	200W	0.9A	IP44
AM45-10/17-ZS-E-V	V 10N.m	17rpm	45mm	502mm	230V	135W	0.6A	IP44
AM45-15/17-ZS-E-V	V 15N.m	17rpm	45mm	502mm	230V	135W	0.6A	IP44
AM45-20/17-ZS-E-V	V 20N.m	17rpm	45mm	502mm	230V	170W	0.7A	IP44
AM45-30/17-ZS-E-V	V 30N.m	17rpm	45mm	502mm	230V	200W	0.9A	IP44

Wired Zip Screen Mechanical Limit DC Motor



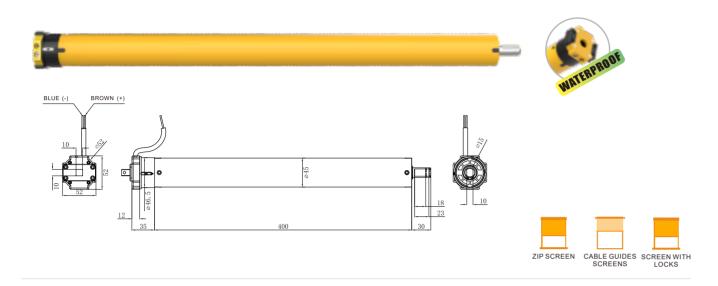
AM45 Series

Dimension

Features

ontrols

Parameters



(e)

Mechanical limit switch & max. limit circle is $55\ \mathrm{circles}$



Quite design, lower to 45dB

Reliable and easy adjustment of the limit switches.



Double breaking design with patent.

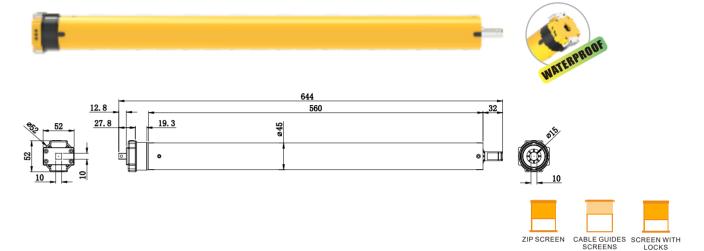


Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-20/14-D-XP	20N.m	14rpm	45mm	400mm	DC24V	80W	3.3A	IP44

AM4

Radio Zip Screen Obstacle Detection DC motor







Obstacle detection

- Stops the zip screen from coming down automatically when obstacles are detected to protect belongings.
- Available for adjustment of sensitivity level.
- Available for activated or dis-activated obstacle detection.



Flexible limit setting mode

- Setting limits in automatically mode, in semiautomatically mode or setting limits in manual mode.
- Setting limits by RS485, by remote or by pressing motor head buttons.



Recalibrate End-stop positions

 Automatically recalibrate the end-stop positions every 100 cycles to remain the best end stops all the time.



Silent & smooth movement

- With patents design features to reduce motor operating
- sound.
- Come with the soft start-stop to protect the roller shutter from damage.



Unique motor head design

Total 3 buttons on the motor head, 2 buttons for setting limits, 1 button for programming.



Compatible with sun & wind sensor

 Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.



IF



RS485 control



Sunlight





Timer control

Model No.	Rated Torque	Rated RPM	Motor Diameter		Rated Voltage	Rated Power	Rated Current	IP Class
AM45-20/14-MR-E-D-XP			45mm	560mm	DC24V	80W	3.3A	IP44

Parameters **Parameters**

Mechanical Limit Radio AC Motor



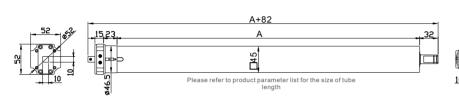






Series

Features















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

ROLLER SHUTTER



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



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

230V AC 50/60Hz

Maximum limit circle is 55 circles.

Optional Connections, wired switch, controls via radio.



Model NO.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated voltage	Rated Power	Rated Current	IP Class
AM45-10/17-E	10N.m	17rpm	45mm	540mm	230V	135W	0.6A	IP44
AM45-15/17-E	15N.m	17rpm	45mm	540mm	230V	135W	0.6A	IP44
AM45-20/17-E	20N.m	17rpm	45mm	585mm	230V	170W	0.735A	IP44
AM45-30/17-E	30N.m	17rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-50/12-E	50N.m	12rpm	45mm	620mm	230V	250W	1.089A	IP44

120V AC 60Hz		AC 120V 60Hz		White=Neutral Black=Live
				Green=Earth
Model NO.	Rated To	rque Rate	d RPM	Motor Dia

Model NO.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated voltage	Rated Power	Rated Current	IP Class
AM45-10/17-E	10N.m	17rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-15/17-E	15N.m	17rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-20/17-E	20N.m	17rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-30/17-E	30N.m	17rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-50/12-E	50N.m	12rpm	45mm	620mm	120V	300W	2.50A	IP44

Electronic Limit Radio AC Motor





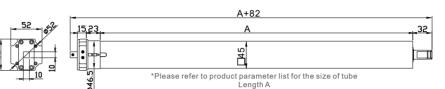














ROLLER SHUTTER









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

Built-in Control board covered by sealed box, high

Safety performance, compatible with leading industry

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



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



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



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





or Voice assistance

Model No.	Rated Torque	Rated RPM	Motor Diameter			Rated Power	Rated Current	IP Class
AM45-10/17-MEL	10N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-15/17-MEL	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-20/17-MEL	20N.m	17rpm	45mm	464mm	230V	170W	0.735A	IP44
AM45-30/17-MEL	30N.m	17rpm	45mm	482mm	230V	200W	0.89A	IP44
AM45-50/12-MEL	50N.m	12rpm	45mm	494mm	230V	250W	1.089A	IP44



Model No.	Rated Torque	Rated RPM	Motor Diameter			Rated Power	Rated Current	IP Class
AM45-10/17-MEL	10N.m	17rpm	45mm	444mm	120V	135W	1.15A	IP44
AM45-15/17-MEL	15N.m	17rpm	45mm	444mm	120V	135W	1.15A	IP44
AM45-20/17-MEL	20N.m	17rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-30/17-MEL	30N.m	17rpm	45mm	482mm	120V	200W	1.7A	IP44
AM45-50/12-MEL	50N.m	12rpm	45mm	494mm	120V	300W	2.50A	IP44

Mechanical Limit AC Motor



AM45 Series

Dimension

Features

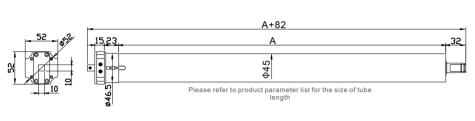
Application





















Mechanical limit switch & max. limit circle is 55 circles



Quite design, lower to 45dB



Reliable and easy adjustment of the limit switches.



Double breaking design with patent.

230V AC 50/60Hz



Model NO.	Rated Torque	Rated RPM	Motor Diameter			Rated Power	Rated Current	IP Class
AM45-15/17	15N.m	17rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-15/30	15N.m	30rpm	45mm	502mm	230V	200W	0.9A	IP44
AM45-20/30	20N.m	30rpm	45mm	520mm	230V	250W	1.1A	IP44
AM45-20/17	20N.m	17rpm	45mm	482mm	230V	170W	0.7A	IP44
AM45-30/17	30N.m	17rpm	45mm	502mm	230V	200W	0.9A	IP44
AM45-40/12	40N.m	12rpm	45mm	502mm	230V	200W	0.9A	IP44
AM45-50/12	50N.m	12rpm	45mm	520mm	230V	250W	1.1A	IP44

120V AC 60Hz



Model NO.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated voltage	Rated Power	Rated Current	IP Class
AM45-15/17	15N.m	17rpm	45mm	440mm	120V	135W	1.2A	IP44
AM45-15/30	15N.m	30rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-20/30	20N.m	30rpm	45mm	520mm	120V	300W	2.5A	IP44
AM45-20/17	20N.m	17rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-30/17	30N.m	17rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-40/12	40N.m	12rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-50/12	50N.m	12rpm	45mm	520mm	120V	300W	2.5A	IP44

Short Mechanical Limit AC Motor

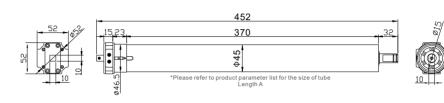




















Quite design, lower to 45dB



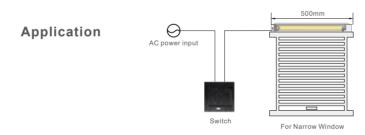
Reliable and easy adjustment of the limit switches.

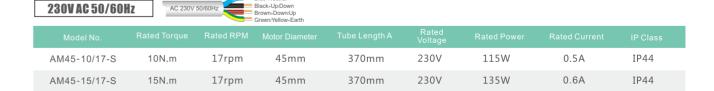


Double breaking design with patent.



Suitable for the narrow width roller shutter





IZUVAG DUNZ	AC 12	00 0012						
Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-10/17-S	10N.m	17rpm	45mm	370mm	120V	130W	1.1A	IP44
AM45-15/17-S	15N.m	17rpm	45mm	370mm	120V	150W	1.5A	IP44

Crank Operated Mechanical Limit Radio AC Motor

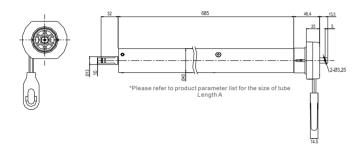


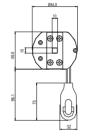
Application

Parameters

















Built-in receiver, simpler installation and stable performance.



With patents design features to reduce motor operating sound.



Double breaking design with patent.



Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.



Mechanical limit switch & max. limit circle is 29 circles



The hand crank part uses a high-precision worm gear structure, with a reduction ratio of 15:1, making manual lifting more portable



High impact resistant relay, industrial-grade CPU, working temperature -40-+85°C



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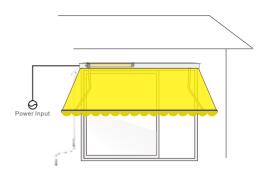


-



Timer





230V AC 50/60Hz

	Blue=Neutral
AC 230V 50/60Hz	Brown=Live
	Yellow/Green=Earth

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-10/17-ME	10N.m	17rpm	45mm	230V	115W	0.508A	IP44
AM45-10/30-ME	10N.m	30rpm	45mm	230V	170W	0.735A	IP44
AM45-15/17-ME	15N.m	17rpm	45mm	230V	135W	0.588A	IP44
AM45-15/30-ME	15N.m	30rpm	45mm	230V	200W	0.89A	IP44
AM45-20/12-ME	20N.m	12rpm	45mm	230V	135W	0.588A	IP44
AM45-20/30-ME	20N.m	30rpm	45mm	230V	250W	1.089A	IP44
AM45-20/17-ME	20N.m	17rpm	45mm	230V	170W	0.735A	IP44
AM45-30/17-ME	30N.m	17rpm	45mm	230V	200W	0.89A	IP44
AM45-30/12-ME	30N.m	12rpm	45mm	230V	190W	0.83A	IP44
AM45-40/12-ME	40N.m	12rpm	45mm	230V	200W	0.89A	IP44
AM45-50/12-ME	50N.m	12rpm	45mm	230V	250W	1.089A	IP44
AM45-65/12-ME	65N.m	12rpm	45mm	230V	330W	1.52A	IP44



Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-10/17-ME	10N.m	17rpm	45mm	120V	135W	1.15A	IP44
AM45-10/30-ME	10N.m	30rpm	45mm	120V	170W	1.4A	IP44
AM45-15/17-ME	15N.m	17rpm	45mm	120V	135W	1.15A	IP44
AM45-15/30-ME	15N.m	30rpm	45mm	120V	200W	1.7A	IP44
AM45-20/12-ME	20N.m	12rpm	45mm	120V	135W	1.15A	IP44
AM45-20/30-ME	20N.m	30rpm	45mm	120V	300W	2.50A	IP44
AM45-20/17-ME	20N.m	17rpm	45mm	120V	170W	1.4A	IP44
AM45-30/17-ME	30N.m	17rpm	45mm	120V	200W	1.7A	IP44
AM45-30/12-ME	30N.m	12rpm	45mm	120V	170W	1.4A	IP44
AM45-40/12-ME	40N.m	12rpm	45mm	120V	200W	1.7A	IP44
AM45-50/12-ME	50N.m	12rpm	45mm	120V	300W	2.50A	IP44

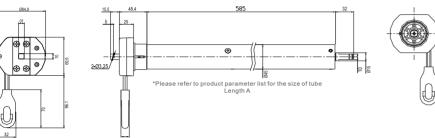
Crank Operated Mechanical Limit AC Motor



Application

Parameters















Reliable and easy adjustment of the limit switches.



With patents design features to reduce motor operating sound.

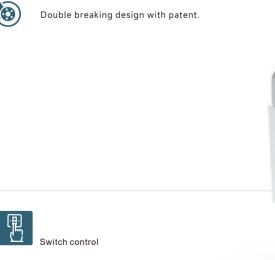


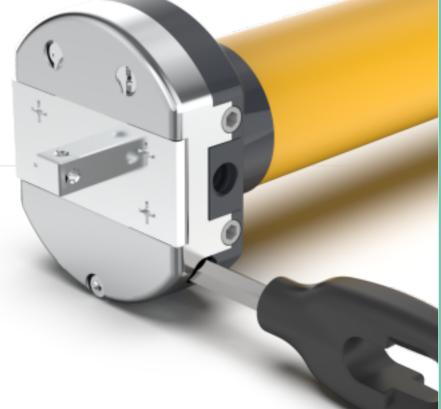
Mechanical limit switch & max. limit circle is 20 circles

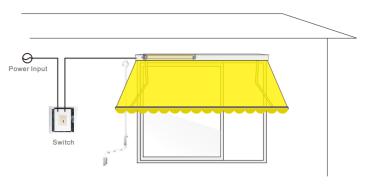


The hand crank part uses a high-precision worm gear structure, with a reduction ratio of 15:1, making manual lifting more portable









230V AC 50/60Hz

	Blue=Neutral
AC 230V 50/60Hz	Black=Up/Down
710 2007 00/00/12	Brown-Down/Up

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-10/17-M	10N.m	17rpm	45mm	230V	135W	0.508A	IP44
AM45-15/17-M	15N.m	17rpm	45mm	230V	135W	0.588A	IP44
AM45-20/12-M	20N.m	12rpm	45mm	230V	135W	0.588A	IP44
AM45-10/30-M	10N.m	30rpm	45mm	230V	170W	0.735A	IP44
AM45-15/30-M	15N.m	30rpm	45mm	230V	200W	0.89A	IP44
AM45-20/30-M	20N.m	30rpm	45mm	230V	250W	1.089A	IP44
AM45-20/17-M	20N.m	17rpm	45mm	230V	170W	0.735A	IP44
AM45-30/17-M	30N.m	17rpm	45mm	230V	200W	0.89A	IP44
AM45-30/12-M	30N.m	12rpm	45mm	230V	190W	0.83A	IP44
AM45-40/12-M	40N.m	12rpm	45mm	230V	200W	0.89A	IP44
AM45-50/12-M	50N.m	12rpm	45mm	230V	250W	1.089A	IP44
AM45-65/12-M	65N.m	12rpm	45mm	230V	330W	1.52A	IP44



Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-10/17-M	10N.m	17rpm	45mm	120V	135W	1.15A	IP44
AM45-15/17-M	15N.m	17rpm	45mm	120V	135W	1.15A	IP44
AM45-20/12-M	20N.m	12rpm	45mm	120V	135W	1.15A	IP44
AM45-10/30-M	10N.m	30rpm	45mm	120V	170W	1.4A	IP44
AM45-15/30-M	15N.m	30rpm	45mm	120V	200W	1.7A	IP44
AM45-20/30-M	20N.m	30rpm	45mm	120V	300W	2.50A	IP44
AM45-20/17-M	20N.m	17rpm	45mm	120V	170W	1.4A	IP44
AM45-30/17-M	30N.m	17rpm	45mm	120V	200W	1.7A	IP44
AM45-30/12-M	30N.m	12rpm	45mm	120V	170W	1.4A	IP44
AM45-40/12-M	40N.m	12rpm	45mm	120V	200W	1.7A	IP44
AM45-50/12-M	50N.m	12rpm	45mm	120V	300W	2.50A	IP44

Electronic Limit Radio Awning AC Motor

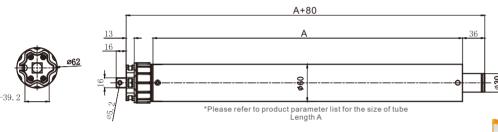


pplication

<u>Parameters</u>



















Back-release Function

 After reaching the upper limit automatically performs a short backwards, With Fabric "BACK RELEASE" function to extend fabric life.



Semi-automatically limit setting

 Automatic setting Upper limit by meeting obstacle, Lower limit setting by remote.



Compatible with sun & wind sensor

FSK Bi-directional technology

super security to protect your awning.

Communication & Control Options

Awning will automatically open/close according to the weather conditions by sun sensor and wind sensor, providing great sun protection in summer.

■ FSK technology with long-distance and good sensitivity.

■ 868MHz Bi-directional communication technology with

■ With Wi-Fi smart chipset and radio chipset, available for

variety control options via remote, APP or voice assistant



Self-adjustits Upper-stop positions

 Automatically correct the Upper-stop positions every 25 cycles to ensure the accuracy of the stop positions.(1 cycle= 1 UP & 1 Down)



Support LED Stripe Optional

 Motor with 24V power output that can connect LED strip to realize Stepless LED light dimming by remote.



ON/OFF sun sensor

■ Remote with a button can ON/OFF sun sensor













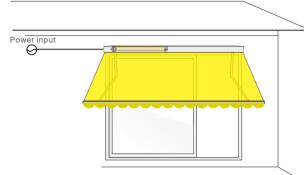












230V AC 50/60Hz

	Blue=Neutral
AC 230V 50/60Hz	Brown=Live
	Yellow/Green=Earth

Model No.	Rated Torque	Rated RPM	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM60-60/12-MEL-CA-W	60N.m	12rpm	60mm	230V	368W	1.6A	IP44
AM60-80/12-MEL-CA-W	80N.m	12rpm	60mm	230V	400W	1.7A	IP44
AM60-100/12-MEL-CA-W	100N.m	12rpm	60mm	230V	420W	1.85A	IP44
AM60-120/9-MEL-CA-W	120N.m	9rpm	60mm	230V	396W	1.75A	IP44
AM60-60/12-MEL-CAL-W	60N.m	12rpm	60mm	230V	368W	1.6A	IP44
AM60-80/12-MEL-CAL-W	80N.m	12rpm	60mm	230V	400W	1.7A	IP44
AM60-100/12-MEL-CAL-W	100N.m	12rpm	60mm	230V	420W	1.85A	IP44
AM60-120/9-MEL-CAL-W	120N.m	9rpm	60mm	230V	396W	1.75A	IP44



Model No.	Rated Torque	Rated RPM	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class	
AM60-60/12-MEL-CA-W	60N.m	12rpm	60mm	120V	384W	3.2A	IP44	
AM60-80/12-MEL-CA-W	80N.m	12rpm	60mm	120V	408W	3.4A	IP44	
AM60-100/12-MEL-CA-W	100N.m	12rpm	60mm	120V	444W	3.7A	IP44	
AM60-120/9-MEL-CA-W	120N.m	9rpm	60mm	120V	420W	3.5A	IP44	
AM60-60/12-MEL-CAL-W	60N.m	12rpm	60mm	120V	384W	3.2A	IP44	
AM60-80/12-MEL-CAL-W	80N.m	12rpm	60mm	120V	408W	3.4A	IP44	
AM60-100/12-MEL-CAL-W	100N.m	12rpm	60mm	120V	444W	3.7A	IP44	
AM60-120/9-MEL-CAL-W	120N.m	9rpm	60mm	120V	420W	3.5A	IP44	



AC Powered Ultra Quiet Electronic Limit Obstacle Detection DC motor



AM60

Series S

Dimension

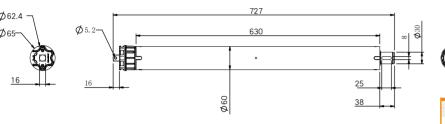
Features

Controls

Para meters

















Obstacle detection

■ Stops the shutter from coming down automatically when obstacles are detected to protect belongings.



Compatible with sun & wind sensor

• Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.



Communication & Control Options

Silent & smooth movement

ROLLER

■ With Wi-Fi smart chipset and radio chipset, available for variety control options via remote, APP or voice assistant

■ With patents design features to reduce motor operating

Come with the soft start-stop to protect the roller shutter



High voltage DC motor

■ High voltage DC motor, long continuous working time.









230V AC 50/60Hz

Model No.	Rated Torque	Rated Speed	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM60-60/12-MEL-HV	60N.m	12rpm	60mm	230V	368W	1.6A	IP44
AM60-80/12-MEL-HV	80N.m	12rpm	60mm	230V	400W	1.7A	IP44
AM60-100/12-MEL-HV	100N.m	12rpm	60mm	230V	420W	1.85A	IP44
AM60-120/9-MEL-HV	120N.m	9rpm	60mm	230V	396W	1.75A	IP44
AM60-140/9-MEL-HV	140N.m	9rpm	60mm	230V	420W	1.85A	IP44

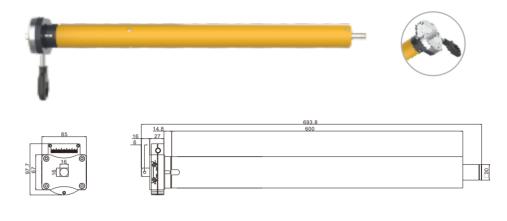
120VAC 60Hz	AC 120V 60Hz	Black=Live Green=Earth

		Olden Editi					
Model No.	Rated Torque	Rated Speed	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM60-60/12-MEL-HV	60N.m	12rpm	60mm	120V	384W	3.2A	IP44
AM60-80/12-MEL-HV	80N.m	12rpm	60mm	120V	408W	3.4A	IP44
AM60-100/12-MEL-HV	100N.m	12rpm	60mm	120V	444W	3.7A	IP44
AM60-120/9-MEL-HV	120N.m	9rpm	60mm	120V	420W	3.5A	IP44
AM60-140/9-MEL-HV	140N.m	9rpm	60mm	120V	444W	3.7A	IP44

AM60

Crank Operated Mechanical Limit AC Motor













Reliable and easy adjustment of the limit switches.



With patents design features to reduce motor operating sound.



Mechanical limit switch & max. limit circle is 20 circles

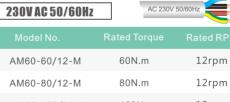


The hand crank part uses a high-precision worm gear structure, with a reduction ratio of 15:1, making manual lifting more portable



Double breaking design with patent.





Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM60-60/12-M	60N.m	12rpm	60mm	230V	368W	1.6A	IP44
AM60-80/12-M	80N.m	12rpm	60mm	230V	400W	1.7A	IP44
AM60-100/12-M	100N.m	12rpm	60mm	230V	420W	1.85A	IP44
AM60-120/9-M	120N.m	9rpm	60mm	230V	396W	1.75A	IP44
AM60-140/9-M	140N.m	9rpm	60mm	230V	420W	1.85A	IP44

			iccii-Laitii
120V AC 60Hz	AC 120V	/ 60Hz BI	/hite=Neutral lack=Up/Down ed=Down/Up reen=Earth

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM60-60/12-M	60N.m	12rpm	60mm	120V	384W	3.2A	IP44
AM60-80/12-M	80N.m	12rpm	60mm	120V	408W	3.4A	IP44
AM60-100/12-M	100N.m	12rpm	60mm	120V	444W	3.7A	IP44
AM60-120/9-M	120N.m	9rpm	60mm	120V	420W	3.5A	IP44
AM60-140/9-M	140N.m	9rpm	60mm	120V	444W	3.7A	IP44

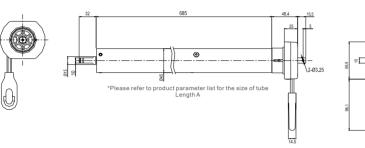
Crank Operated Mechanical Limit Radio AC Motor

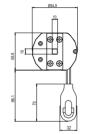


Application

Parameters













Built-in receiver, simpler installation and stable performance.



With patents design features to reduce motor operating sound.



Double breaking design with patent.



Will adjust automatically to weather conditions by sun sensor and wind sensor, provide great sun protection in summer and avoid heat loss in the winter.



Mechanical limit switch & max. limit circle is 29 circles



The hand crank part uses a high-precision worm gear structure, with a reduction ratio of 15:1, making manual lifting more portable



High impact resistant relay, industrial-grade CPU, working temperature -40-+85°C

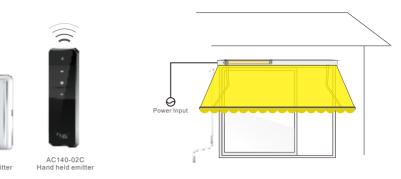


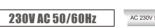












		Dine-Mennal
AC 230V 50/60Hz	_	Brown=Live
		Yellow/Green=Earth

Model No.	Rated Torque	Rated RPM	Motor Diameter		Rated Power	Rated Current	IP Class
AM60-60/12-ME	60N.m	12rpm	60mm	230V	368W	1.6A	IP44
AM60-80/12-ME	80N.m	12rpm	60mm	230V	400W	1.7A	IP44
AM60-100/12-ME	100N.m	12rpm	60mm	230V	420W	1.85A	IP44
AM60-120/9-ME	120N.m	9rpm	60mm	230V	396W	1.75A	IP44
AM60-140/9-ME	140N.m	9rpm	60mm	230V	420W	1.85A	IP44



Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM60-60/12-ME	60N.m	12rpm	60mm	120V	384W	3.2A	IP44
AM60-80/12-ME	80N.m	12rpm	60mm	120V	408W	3.4A	IP44
AM60-100/12-ME	100N.m	12rpm	60mm	120V	444W	3.7A	IP44
AM60-120/9-ME	120N.m	9rpm	60mm	120V	420W	3.5A	IP44
AM60-140/9-ME	140N.m	9rpm	60mm	120V	444W	3.7A	IP44





Wired Outdoor Venetian Blind Motor



AM55

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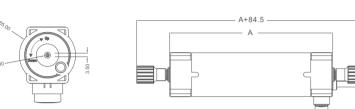
Features

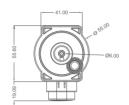
Parameters





AC268-01 Receiver (optional)









Emergency stop

■ Emergency stop switch for security operation Available for upward and downward installation



Silent & smooth movement

■ Leading quiet technology, Helical super silent structure design, silent brake design, come with the soft start-stop to protect the Venetian blind from damage.



Overload protection

Overload protection function; prolong the lifetime of the



Setting the limits position by the limit setting switch.

Double Shaft

Double driving shaft for stronger torque output





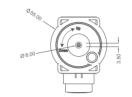
AM55-6/35-EL 230V/50Hz or 120V/60Hz 120W 6N.m 35rpm -20°~+55° 231mm IP54 AM55-10/35-EL 230V/50Hz or 120V/60Hz 160W 10N.m 241mm IP54 35rpm $-20^{\circ} \sim +55^{\circ}$ AM55-6/26-EL-HV 100~230V/50~60Hz 85W 6N.m $-20^{\circ} \sim +55^{\circ}$ 239.5mm IP54 AM55-10/26-EL-HV 100~230V/50~60Hz 10N.m 26rpm $-20^{\circ} \sim +65^{\circ}$ 251.5mm IP54

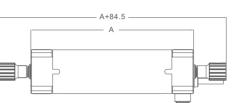
AM55

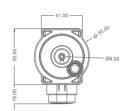
Electronic Limit External Venetian Blind DC Motor















Emergency stop

■ Emergency stop switch for security operation Available for upward and downward installation



Silent & smooth movement

■ Leading quiet technology, Helical super silent structure design, silent brake design, come with the soft start-stop to protect the Venetian blind from damage.



Overload protection

Overload protection function; prolong the lifetime of the



Setting the limits position by remote.



Double Shaft

Double driving shaft for stronger torque output



Communication & Control Options

■ With Zigbee smart chipset and radio chipset, available for variety control options via remote, APP or voice















Model No.	Rated Voltage	Rated Power F	Rated Torque	Rated RPM	Working Temperature	Tube Length A	IP Class
AM55-6/26-EL-HV-E	110~230V/50~60Hz	85W	6N.m	26rpm	-20°~+65°	239.5mm	IP54
AM55-10/26-EL-HV-E	110~230V/50~60Hz	135W	10N.m	26rpm	-20°~+65°	251.5mm	IP54

RADIO EMITTERS

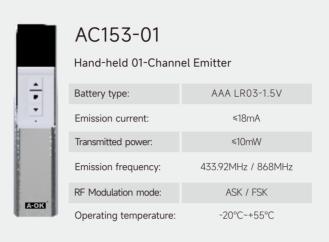
Hand-held Emitters

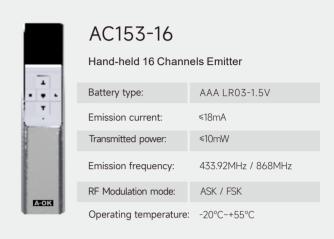
Wall Mounted Emitters

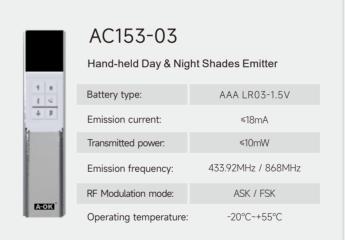
Garage Door Emitters

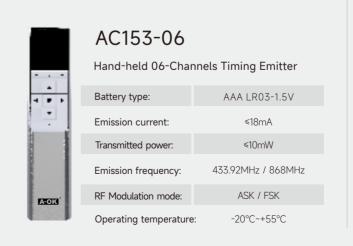


AC153











Scroll wheel Emitter

AC152



AC152-06

Hand-held 06 Channels Emitter

Battery type:	AAA X2(3V)
Emission current:	≤18mA
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



HAND-HELD Emitters With Touch Screen

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



He used to throwing each pebble into the sea as soon as he picked it up. Someday, it gave him an idea, why not design a remote control like pebble raising sea waves? Then a new, natural, highly pebble texture design came true, that's A-OK pebble remote control AC145.

WIRELESS REMOTE, ALL IN ONE HAND

The territory will be the winds of

Detachable design, flexible and fancy, on wall or hold in one hand will both bring you a high quality life. From a pebble by the river to a transmitter in his hand, nature has never been stingy with its gifts of inspiration to human beings.

- 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

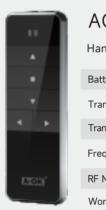
AC140

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

Hand-held Emitters

AC141

AC140-01C Hand-held 01-Channel Emitter 3V CR2450 Battery Type: Transmitting Current: ≤18mA ≤10mW Transmitting Power: 433.92MHz / 868MHz ASK / FSK RF Modulation Mode: -20°C~+55°C Working Temp:



AC140-02C Hand-held 02-Channels Emitter 3V CR2450 Battery Type: Transmitting Current: ≤18mA ≤10mW Transmitting Power: 433.92MHz / 868MHz Frequency: ASK / FSK RF Modulation Mode: Working Temp: -20°C~+55°C

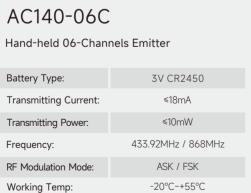


AC141-01C Hand-held 01-Channel Emitter 3V CR2450 Battery Type: Transmitting Current: ≤18mA Transmitting Power: ≤10mW 433.92MHz / 868MHz Frequency: RF Modulation Mode: ASK / FSK -20°C~+55°C Working Temp:



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					









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



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

AC141-16C

- 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

AC123

- 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 touch Emitters





AC123-01

Hand-held 01-Channel Emitte

Hand-held 01-Channel Emitter	
Battery Type:	3V CR2032
Transmitting Current:	≤18mA
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:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC123-01C

Hand-held Touch 01-Channel Emitter

Traine field Touch of Charmet Limiter	
Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC123-02C

Hand-held Touch 02-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
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:	≤18mA
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:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC123-06C

Hand-held Touch 06-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC123-16C

Hand-held Touch 16-Channels Emitter

Battery Type:	3V CR2032
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

AC127

- 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

Rechargeable Hand-held Emitters





AC127-01

Hand-held 01-Channel Emitter	
Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC127-02

Hand-held 02-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC127-01L

Hand-held 01-Channel Emitter	
Battery Type:	3.7V Li-ion Battery
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC127-02L

Hand-held 02-Channels Emitter

Battery Type:	3.7V Li-ion Battery
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC127-06

Hand-held 06-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC127-16

Hand-held 16-Channels Emitter

Battery Type:	3V CR2032
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC127-06L

Hand-held 06-Channels Emitter

Battery Type:	3.7V Li-ion Battery
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C



AC127-16L

Hand-held 16-Channels Emitter

Battery Type:	3.7V Li-ion Battery
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz/868MHz
RF Modulation Mode:	ASK / FSK
Working Temp:	-20°C~+55°C

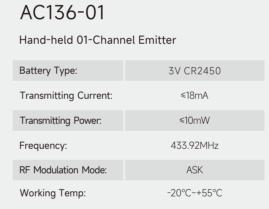


- Energy saving design, CR2450 battery support for 2 years working
- Stronger anti-interference and higher stability
- RF transmitted power is 10mW, compatible with all A-OK RF receivers

AC136

AC136-01-CA (Awning) Hand-held 01-Channel Emitter Battery Type: 3V CR2450 ≤18mA Transmitting Current: ≤10mW Transmitting Power: 868MHz Frequency: RF Modulation Mode: FSK -20°C~+55°C Working Temp:



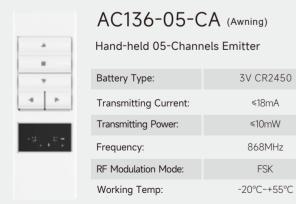




Hand-held 02-Channels Emitter	
Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C

AC136-02

AC136-16





FSK

Hand-held 05-Channels Emitter	
Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	868MHz
RF Modulation Mode:	FSK
Working Temp:	-20°C~+55°C

AC136-05-CAL (Awning+LED)



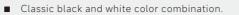
AC136-06	
Hand-held 06-Channels Emitter	
Battery Type:	3V CR2450
Transmitting Current:	≤18mA
Transmitting Power:	≤10mW
Frequency:	433.92MHz
RF Modulation Mode:	ASK
Working Temp:	-20°C~+55°C



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

Wall-mounted Emitters

AC133



- Housing surface with piano lacquer craft.
- Surface moisture-proof treatment.
- With 3M adhesive tape to avoid damage to the wall.



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



- 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
Fransmitting Current:	≤18mA
Fransmitting Power:	<10mW
requency:	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

- 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





AC151-06 screen display and button function



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



AC126-02

Wall-mounted 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 RECEIVERS

Wall Mounted Radio Receiver

External Radio Receiver

External Mini/Waterproof Radio Receiver

Garage Door Controller

Pergola Controller



■ AC100-240V wide range voltage input, DC24V output

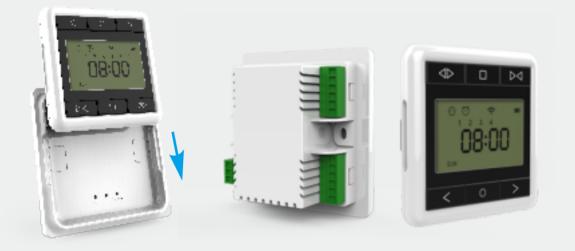
4 Routes Radio Timer Receiver

- 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



Wall Mounted Radio Receiver

AC227/AC228











AC227-13
Single-route AC motor receiver

Input Voltage: AC100-240V 50/60Hz
Frequency: 433.92MHz

Modulation Mode: ASK
Output load: DC24V, 7A



AC287-01

Wall Mounted Radio Receiver

Input Voltage:	180V-240V AC
Control Mode:	RF Remote Control/RS485
Receiving Frequency:	433.92MHz
Loading Power:	24V*1A(4 Routes)
Receiving Sensitivity:	>-110dBm
Working Temp:	-20°C~+55°C



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 AC motor receiver	
	Input Voltage:	AC100-240V 50/60Hz
	Frequency:	433.92MHz
ок "	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

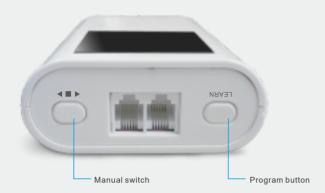
External Radio Receiver

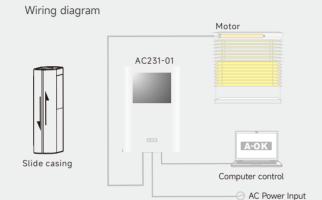
AC231

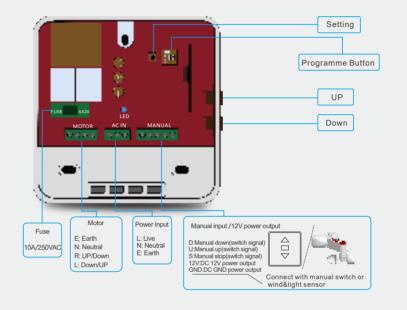
- Fancy and modern design
- Available to connect external manual switch , flexible and convenient
- Design with super heterodyne module, sensitivity is -110dBm
- Industrial grade CPU for more steady function
- Fire-proof material for safe use
- Power supply is safe, output time is 5 minutes



AC252









AC231-01

External Radio Receiver

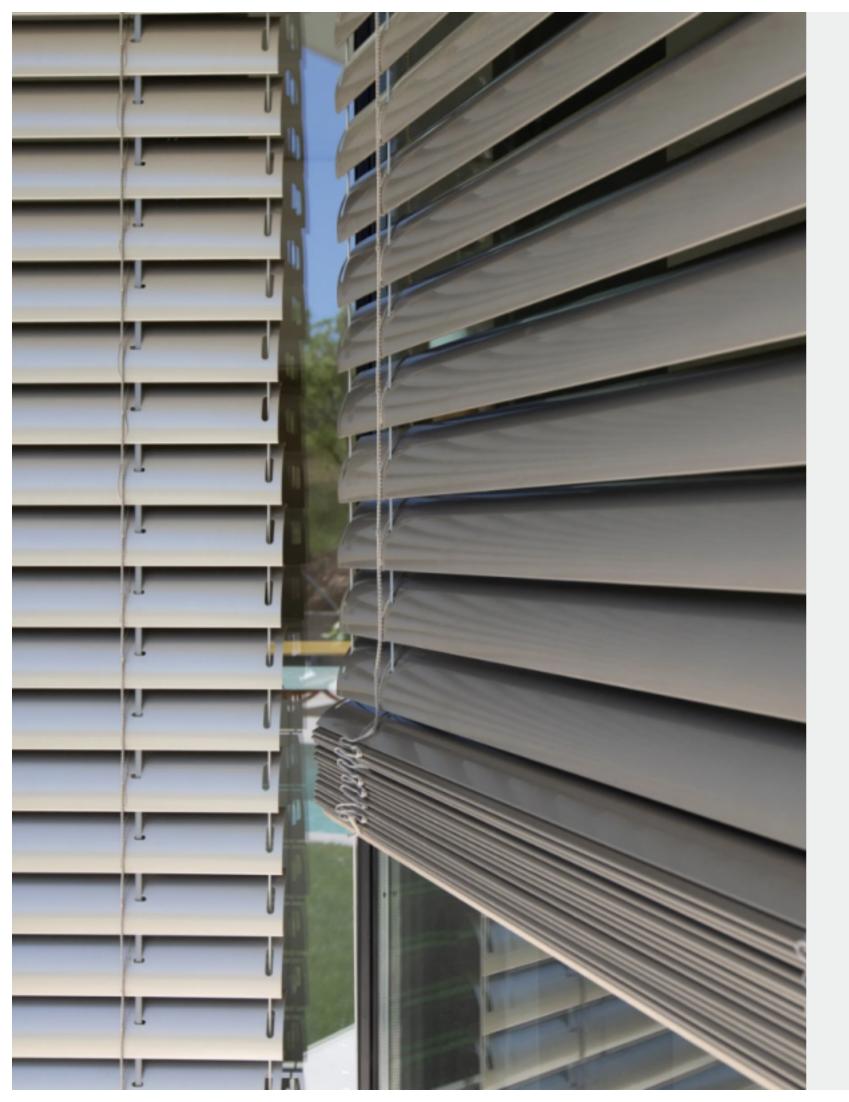
Working Voltage:	AC220-240V 50/60Hz
Working Frequency:	433.92MHz
Loading Power:	≤ 500W
Working Temp:	-20°C~+55°C



AC252-01

External Radio Receiver

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



Radio Receiver for Outdoor Venetian Blind Drive

AC268

- Mini size, can be placed inside of the track of Venetian blind system
- Hirschmann plug, confirm to requirements of installation and certification
- IP54 for outdoor installation
- Dimming by inching meets different needs for dimming from customers



AC268-01

Radio Receiver for Outdoor Venetian Blind Drive

Working Voltage:	100-240VAC50/60Hz
Working Frequency:	433.92MHz
Receiving Sensitivity:	≤110dBm
Working Temp:	-20°C~+55°C

- Mini size, can be placed inside of the track of Venetian blind system
- Hirschmann plug, confirm to requirements of installation and certification
- IP54 for outdoor installation
- Dimming by inching meets different needs for dimming from customers



AC268-01-Z 🙋

ZigBee Radio Receiver for Outdoor Venetian Blind Drive

Working Voltage:	100-240VAC50/60Hz
Working Frequency:	868MHz
Receiving Sensitivity:	≤110dBm
Working Temp:	-20°C~+55°C

- \blacksquare Mini size, can be placed inside of the track of Venetian blind system
- IP54 for outdoor installation
- \blacksquare Dimming by inching meets different needs for dimming from customers



AC268-02

Radio Receiver for Outdoor Venetian Blind Drive

Working Voltage:	100-240VAC50/60Hz
Working Frequency:	433.92MHz
Receiving Sensitivity:	≤110dBm
Working Temp:	-20°C~+55°C

Radio Receiver

AC212/AC226

Group Controller

AC408/AC405

- Suitable for 76mm*76mm wall type mounting Quicker and easier wiring, clamp type terminals
- Radio control or manual switch control
- Work with motor power below 300W
- Shock-proof Tv5 level relay
- SMT automatically assembly, damp-proof craft

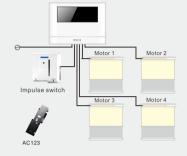


AC212-01

European Style Radio Receiver

Working Voltage:	230V AC 50Hz
Working Frequency:	433.92MHz
Loading Power:	≤300W
Working Temp:	-40°C~+85°C
Sensitivity:	-110dBm
Operation:	Remote / Manual

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



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

- Mini size, can be easily hidden
- Fully sealed design, waterproof IP65 level
- Plastic sealed transformer, more stable
- Shock proof relay, work with motor power under 500w
- Reliable and high interference resistance
- SMT assembly, damp-proof on surface

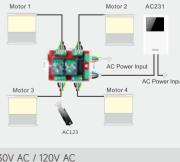


AC226-01

Waterproof Radio Receiver

Working Voltage:	230V AC / 120V AC
Working Frequency:	433.92MHz
Loading Power:	≤ 500W
Working Temp:	-40°C~+85°C
Sensitivity:	-110dBm
Protection Level:	IP55

- 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

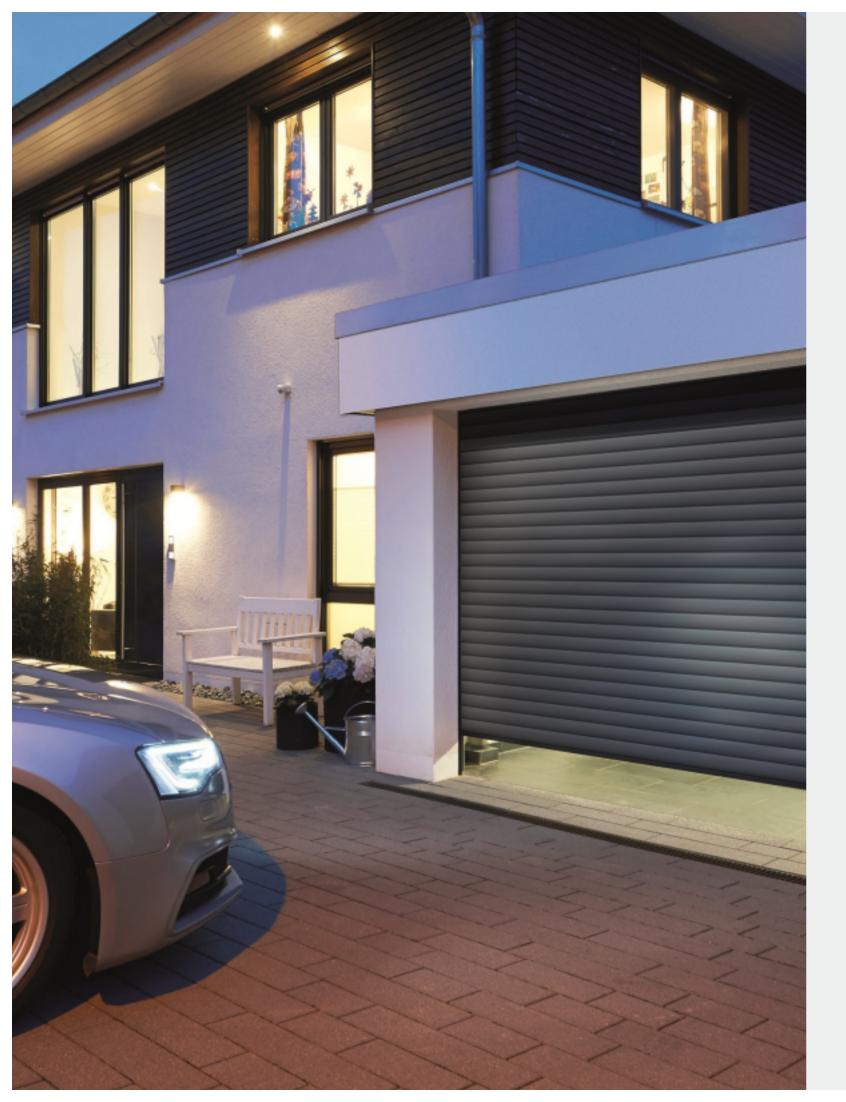


AC405-01

Group Controller

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





Garage Door Controller

AC277/AC249

- Be convenient to use on night with built-in lamp
- Support for wiring with external photocell and safety eadge device
- Overloading protect & can connect manual switch
- Auto setting running time (1-90S)
- Auto setting close door time (1-180S after the door fully opened)
- Protection Level IP44
- Fire prevention UL94 V-0,UV resistance

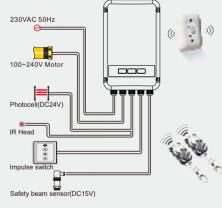


AC277

Garage Door Controller(Built-in Lamp)

Working Voltage:	230V AC 50/60Hz or 120V AC 60Hz
Working Frequency:	433.92MHz
Loading Rate:	Motor≤500W Light≤100W
Working Temp:	-20°C~+55°C
IP Class:	IP44

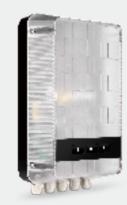
- With LED light, can be use at night
- Support for wiring with external photocell and safety edge device
- Over loading protect & can connect manual switch
- Auto setting running time (1-90S)
- Auto setting close door time (1-180S after the door fully opened)
- Protection Level IP56
- UV resistant and fire proof plastic housing



AC249-01

Garage Door Controller(Built-in Lamp)

Working Voltage:	230V AC / 120V AC
Working Frequency:	433.92MHz
Loading Power:	Motor≤500W; Lamp≤100W
Working Temp:	-20°C~+55°C
IP Class:	IP56



Monocry stalline Silicon LFP Battery Solar Charging Central Control Solar Panels Safe And Reliable Easy Wiring Centralised Wiring Entire Seal Design **Convenient Expansion** Stepless Adjustement RF Remote Controller + For Solar Panel Manual Switch Suitable For Sunlight Conditions In Various Areas Adjust Brightness Freely For Various Needs IP Grade:IP65

Pergola Controller

AC286/AC292

AC286-01 Schematic

Pergola controller(Solar charging)

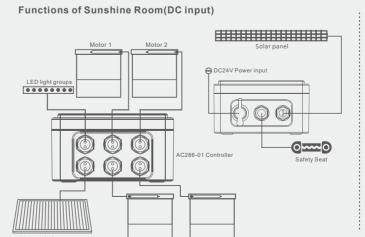


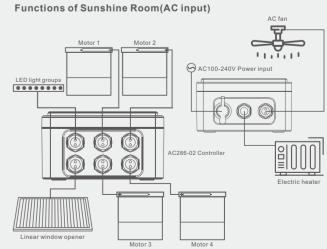


AC292-02 Schematic

Pergola controller (AC Powered)

Supply Voltage:	100-240V
Fan:	220V AC 100W
LED output:	24VDC / 300W
Motor output:	230V AC / 0.6A*4 or 24V DC / 1.2A*1
Control Mode:	RF / Manual Switch control
IP Class:	IP65
Working Temp:	-20°C~+85°C





SENSORS

AC302 Wind/Light Sensor

AC301 Wind/Light/Rain Sensor

AC303 Wind Sensor

AC131 Light Sensor



■ UV resistance housing, suitable for outdoor application

- Flexible structure design for wind sensor part to ensure the high sensitivity
- Auto checking the wind, light value transmitting to motor/main controller to opening or closing the awning/screens
- Available to set the sensitivity according to the weather or climate, flexibility in setting the wind level and light intensity, Sensitivity, available to set 1-9 levels sensitivity of the wind Strength and light intensity according to climate
- When sun ray intensity reaches the set value, the awning will automatically open
- When wind intensity reaches the set value, the awning will automatically close
- Suitable for electric awning and electric shutter and sun protection products



AC302-01

Wireless Wind/Light Sensor

Working Voltage:	3.7V DC lithium battery powered solar panel
Working Temp:	-20°C ~ +55°C
Frequency:	433.92MHZ
Transmitting Power:	<10dBm
IP Class:	IP55
Modulation:	ASK



AC302

- The shell material is resistant to ultraviolet radiation and meets the outdoor use conditions
- The wind sensing part of the bearing adopts the mold injection process to reduce friction and high sensitivity
- Automatically detect wind intensity, light intensity, and implement related automatic control
- Customers can flexibly set the rainfall amount according to the characteristics of their surrounding environment to achieve the best condition
- $\blacksquare \hspace{0.2cm} \text{When the solar light intensity reaches the set value, the electric awning automatically opens the shade}$
- Suitable for electric awning and electric rolling window and other sun protection products



AC301-01

Wireless Wind/Light/Rain Sensor

Working Voltage:	12V DC
Working Current:	<10uA
Frequency:	433.92Mhz
Transmitting Power:	<10dBm
IP Class:	IP55
Modulation:	ASK

Wind/Light/Rain Sensor



AC302-02

Wireless Wind/Light Sensor

	Working Voltage:	230V AC
	Working Temp:	-20°C ~ +55°C
and the same	Frequency:	433.92/868.47MHZ
	Transmitting Power:	< 10dBm
	IP Class:	IP55
	Modulation:	ASK/FSK



AC301-02

Wireless Wind/Light/Rain Sensor

Working Voltage	12V DC
Working Current	<10uA
Frequency	433.92Mhz
Transmitting Power	<10dBm
IP Class	IP55
Modulation:	ASK

- The shell is made of anti-ultraviolet radiation ABS material
- The wind strength is designed to be adjustable from level 1 to 9, and level 1 has the highest sensitivity
- Use two AAA batteries, low power consumption design for long time usage
- The shell structure is designed to be waterproof IP65, and the excellent for outdoor application
- The wind sensor is installed on the front bar of the awning. And it's detecting the wind strength value, if the wind blow over the preset value, it would send commands to the awning motor to withdraw the awning fabric for preventing







AC303-01

Wireless Wind Sensor

٧	Working Voltage:	3V DC
٧	Working Temp:	-40°C~+85°C
F	requency:	433.92/868.47MHZ
1	Transmitting Power:	≤10mW
٧	Working Current:	10mA
S	Standby Current:	1μΑ
(Operation Mode:	Automatic emission

- 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



Light sensor





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

129 / 130

SOLAR PRODUCTS

AC605 Solar Panel

AC701 Lithium Battery Wand

AC705 Ni-MH Battery Wand





- 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



AC605

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/m ² 25°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 frenquency:	433.92MHz
Modulation:	ASK
Test Condition:	AM1.5, 1000W/m ² 25°c

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/m ² 25°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

- 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





AC701-01

Lithium battery stick

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

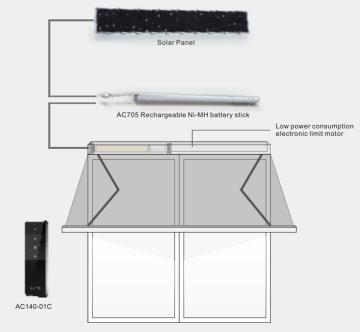
Ni-MH battery stick

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





Application





AC520 Wi-Fi RF Gateway

AC520 Wi-Fi RF USB Gateway

AC526 ZigBee Gateway

AC527 Matter Gateway



- Experience upgrading from product island to Internet interconnection
- Safe and stable intelligent cloud service that supports tens of millions of concurrency
- Standardized, customizable and scalable intelligent interaction

WI-Fi Gateway

AC520

- Experience upgrading from product island to Internet interconnection
- Safe and stable intelligent cloud service that supports tens of millions of concurrency
- Standardized, customizable and scalable intelligent interaction

ZigBee/Matter gateway

AC526/AC527



AC520-02

WI-Fi Gateway

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



AC526

ZigBee gateway

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



AC520-03

Wi-Fi RF USB gateway

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



Matter gateway

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

AC125/AC126

AC125-02



Low Voltage 02-Channels Switch

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

AC126-03



Low Voltage 03-Channels Switch

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

ACCESSORIES

Crown

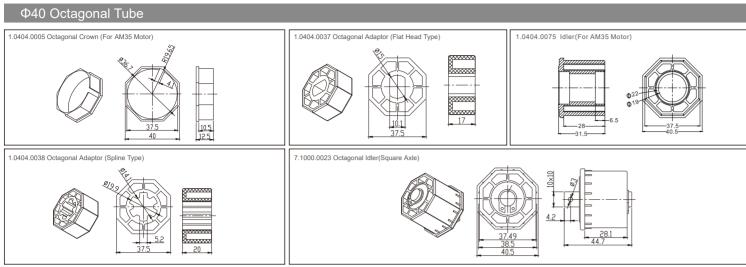
Adaptor

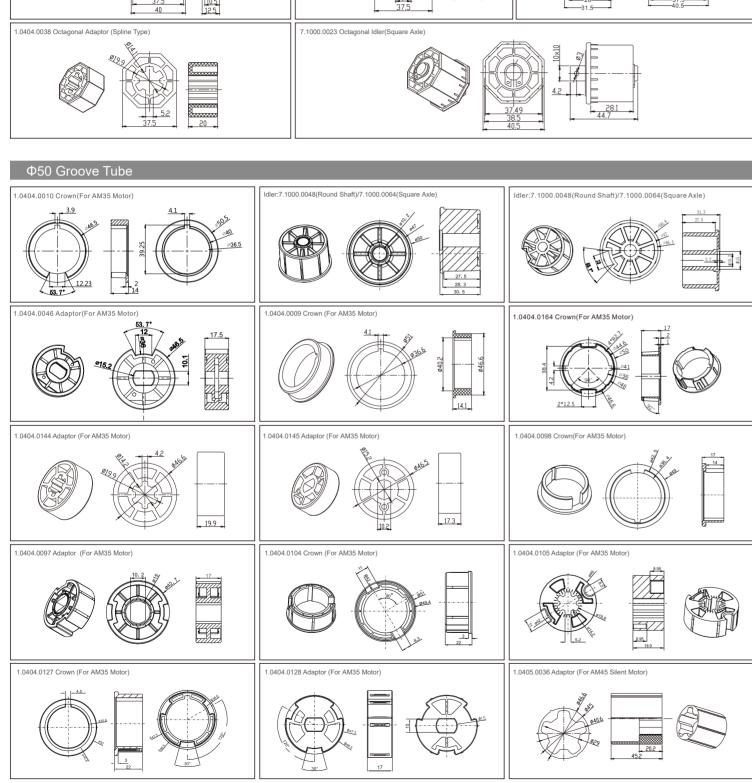
Idler

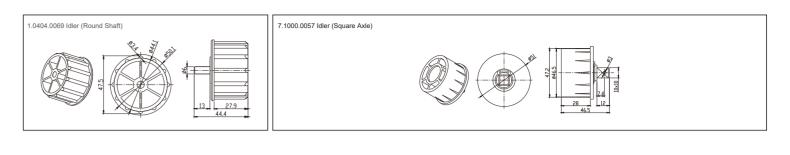
Bracket



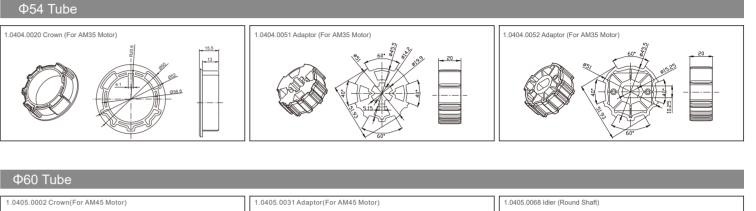
Crown/Adaptor/Idle

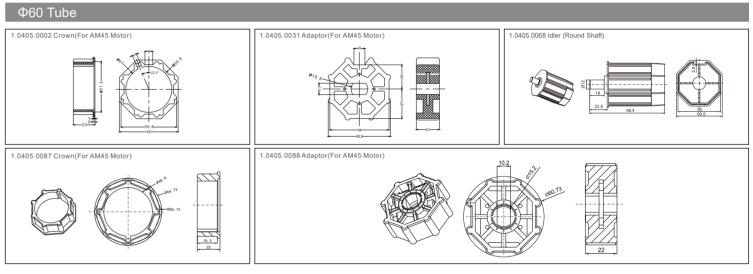


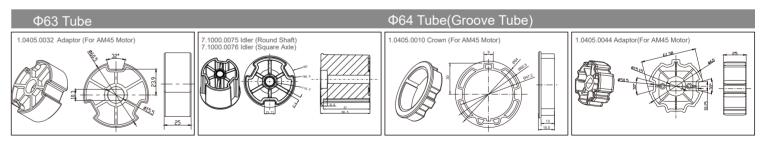


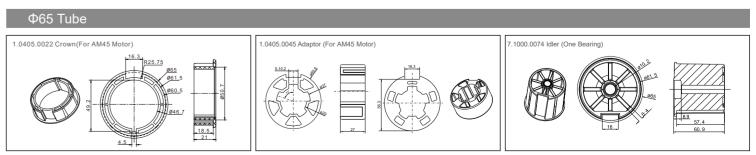


Crown/Adaptor/Idle



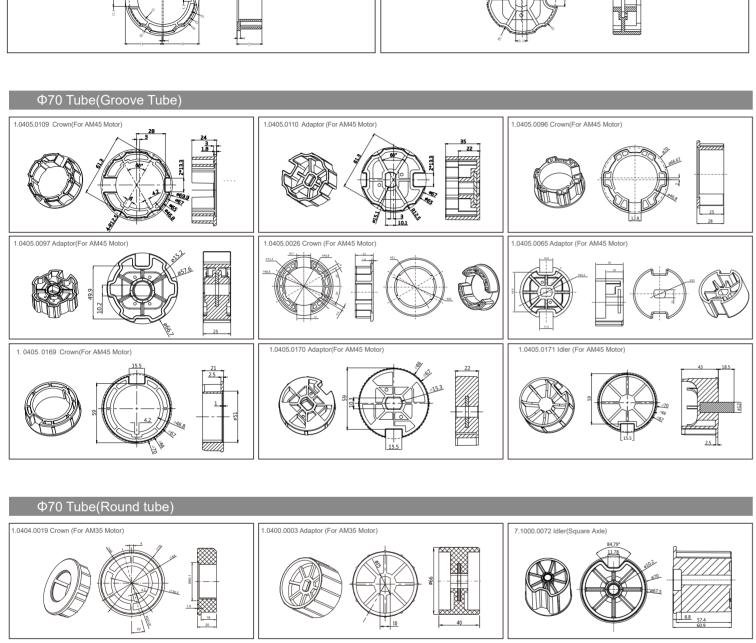


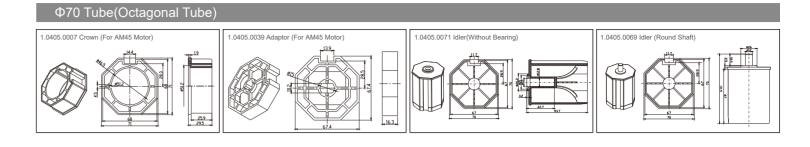


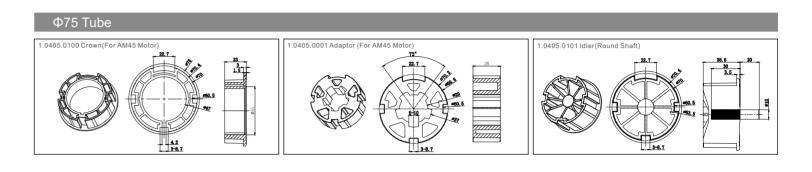


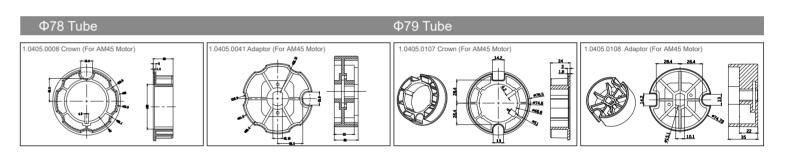
Crown / Adaptor / Idle





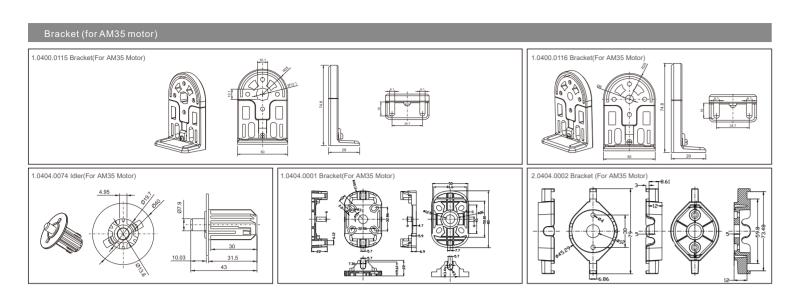


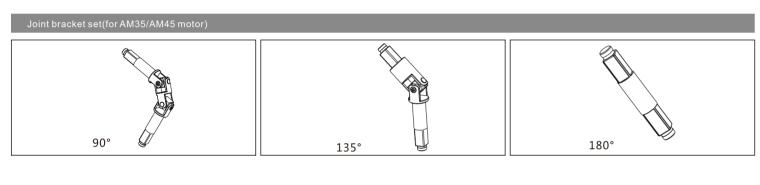


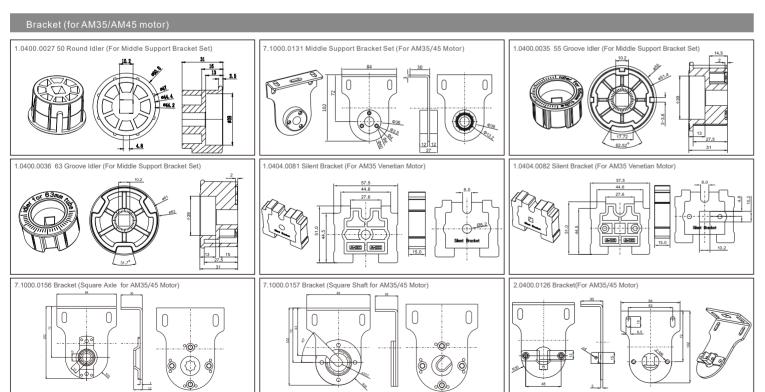


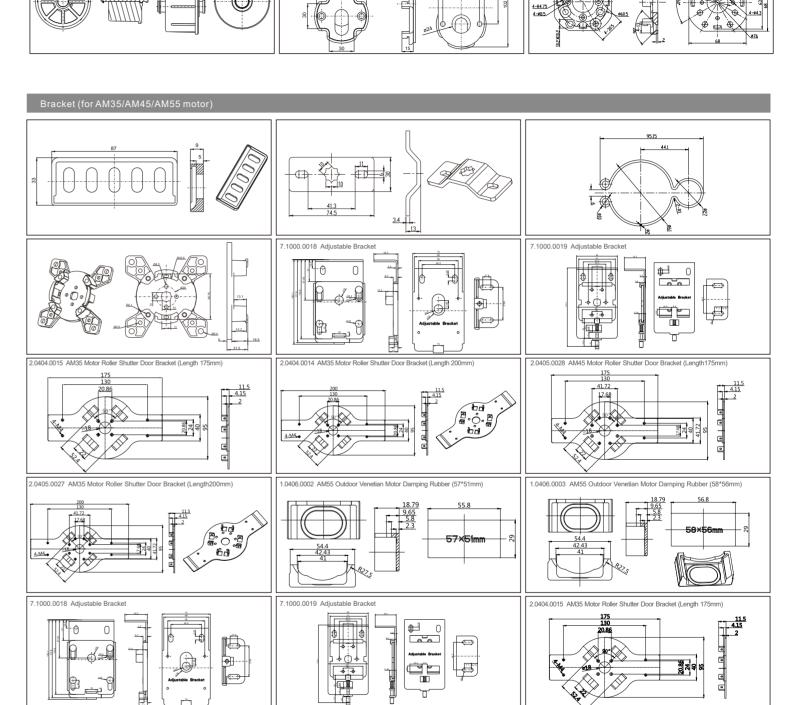
Idle / Bracket

7.1000.0069 Idler set for round tube (For AM35/45 Motor)









2.0405.0011 Bracket(For AM45 Motor)

Bracket

2.0405.0027 AM35 Motor Roller Shutter Door Bracket (Length200mm) 2.0405.0028 AM45 Motor Roller Shutter Door Bracket (Length175mm) 2.0404.0014 AM35 Motor Roller Shutter Door Bracket (Length 200mm) 1.0406.0002 AM55 Outdoor Venetian Motor Damping Rubber (57*51mm) 2.0406.0001 AM55 Outdoor Venetian Motor Fixing Bracket Gasket 2.0400.0232 AM45/AM60 Hand-Override Motor Bracket Plate