

Solar Panel Installation

AC180

Version: A/01

Safety Instructions

- 1, Pls read the instruction carefully before installation and usage;
- 2, The installation should be done by professional motor installer;
- 3, Pay attention to the new and existing installation;
- 4, Pay attention to the personal safety when using the ladder;
- 5, Check the compatibility with the related equipment and accessories before installation, don't start installation immediately.
- 6, The solar panel uses renewable solar energy to power the wireless electric curtain. The product is designed to meet the power demand of the built-in lithium battery electric curtain, but can not be used with any other motor system.

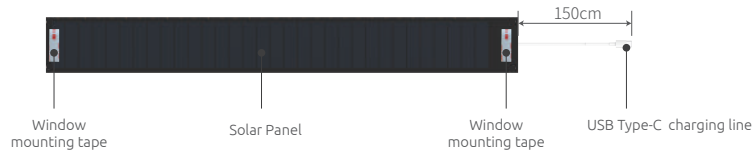
Warning:

- ①Solar Panel is a fragile part and cannot be dropped. Do not install if it breaks, or it may cause undetectable damage and may degrade performance. Please refer to the instruction manual or contact our company.
- ②Do not pierce the solar panel or its frame.
- ③Never put anything on a solar panel (especially if there is a risk of scratch or damage during installation).
- ④Once installed, do not allow the harness or other components to be deformed, pinched or cut by moving objects.
- ⑤Handle electronic components and batteries according to local laws, do not burn them.
- ⑥Do not immerse this product in liquid to avoid collision.

Matters Needing Attention In Installation Of Solar Panel

1. Do not install solar panel in shading areas such as trees or buildings. Do not install solar panel near the open flames or flammable materials.
2. Solar Panel can not be dismantled, can not bend, can not use hard objects impact components, Avoid trampling on solar panel and other actions.
3. According to the site environment and the state of the assembly bracket structure, the solar panel module is grounded in an appropriate way. Please select the appropriate material and do a good job of anti-corrosion treatment. To install the components in a reliable way, if the solar panel fall from high altitude, it will cause damage or cause financial safety.
4. The install orientations of the solar panel assembly is heading south, with the compass direction as the criterion. The surface of solar panel must be perpendicular to the sunlight.
5. Always wipe the surface of the solar panel with soft cloth. You can't touch the part of cable or connector by hand. If necessary, use appropriate safety equipment (insulating tools or gloves, etc.).

Overview Of Solar Panel Parts



Technical Specification

Working voltage (Vm): 5V	Open circuit voltage (Voc): 6.3V	Working current (Im): 606mA
Short-circuit current (Isc): 659mA	Power (Pm): 3W	Size: 345mm×65mm×15mm
Waterproof grade: IP55	Electrical performance tolerance: voltage ±10%, current ±10%.	

Working Environment Requirements:

Dust free and dry ventilation, Ambient temperature: -10 C ~ 50 C , Humidity: 0 ~ 90% without condensation

International solar energy inspection standards: solar radiation 1000W/m², humidity 25 degrees, air quality AM1.5

Electricity requirements (each solar panel includes solar battery cells): conversion efficiency 21%, open circuit voltage (Voc) 6.3V

Matchable Motor Types

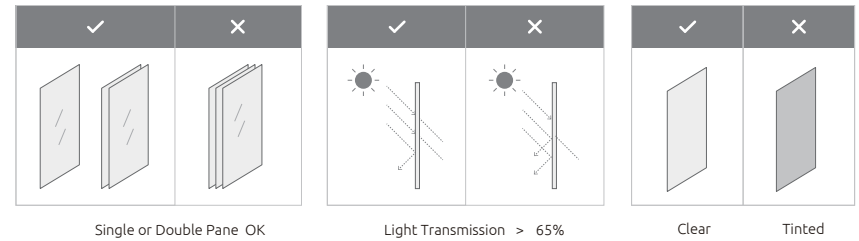
AM15LE/AM20LE/AM26LE/AM28LE

T130

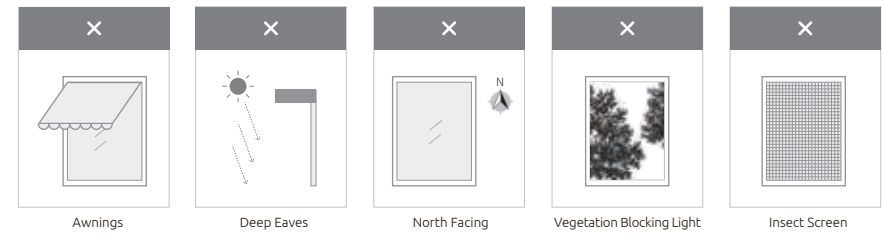
M130/M330/M530
K130/K330/K530

AC160/AC161 Lithium battery rod

Be Aware Of Window Type



Do Not Use Solar Panel Under Below Conditions



Troubleshooting

Issues	Possible causes	Solutions
Motor not working	1, The motor itself is out of order. 2, Solar panel is not charged.	1, Pls check the power cable has been connected properly and hasn't been cut off. 2, the battery has been full charged.
After first use, the solar panel can't stick to the glass very well	1, Small particles of dust on the surface of glass. 2, Tape is not sticky.	Remove the panel and adhesive tape, clean the glass again and dry it. Use the new adhesive tape according to the instructions.
After installation, when moving the window, the window and the solar panel is collided	Careless when opening windows.	1. Install window bumpers to prevent collisions. 2. Install optional mounting bracket for solar panels.