Instruction Manual

Solar Street Light

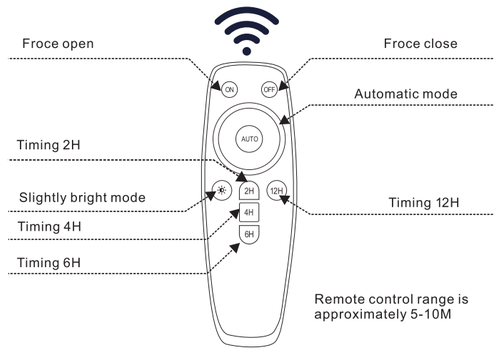


Product parameter

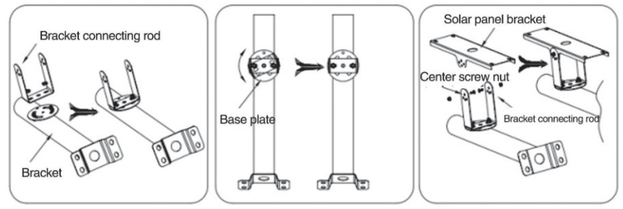
Name	Parameters
LED chips	SMD5050-112PCS 6500K
Lampsize(W*L*H)mm	483*211*53mm
Solar panel	25W/5V
Solar panel size (W*L*H)mm	450*350*15mm
Battery capacity	3.2V-20AH
Lumen(max)LM	2700LM
Beam angle°	70*140 °
Battery type	LiFePo4-3.2V
Number of cycles	>1200 times（Remaining 80% of nominal capacity）
VODP	2.1V
Installation height	3-6meters
Light control	Charge during the day (>10lux) & light off, discharge at night (<5-10lux) & light on
Charging time	Normal illumination 4-6hrs（>40000lux）
Working time	>12H(full charge AUTO mode)
IP grade	IP65
Material	ABS
Temperature and humidity	T：Charge above 5℃，discharge above -10 ℃ H：95%RH

Product function

Key	Function	Validity/Memory	Valid conditions	Detailed description
【ON】	ON	Single/no memory	Day and night	100% brightness-slowly brightness decrease, and 14hrs light off
	Light on	Single/no memory	Day and night	When the light is off, press [ON] to cancel the power off
【OFF】	OFF	Single/no memory	Day and night	Light off
	Light off	Everyday/memory	Day and night	Keep press OFF key for 3seconds, the lamp will be OFF and still can be charged,but can not light ON unless press the "ON" key.
12H	Time control 12 hours	Everyday/memory	Day and night	100% brightness-slowly brightness decrease, and 12hrs light off
☀	Slightly light	Single/no memory	Day and night	Press the key when the light is on, 35% brightness and not slowly decrease brightness. About 12-14 hours to light off.
【2H】	Time control 2 hours	Everyday/memory	Night	165% brightness and not slowly decrease brightness,about 2 hours to light off.
【4H】	Time control 4 hours	Everyday/memory	Night	100% brightness and slowly decrease brightness, about 4 hours to light off.
【6H】	Time control 6 hours	Everyday/memory	Night	100% brightness and slowly decrease brightness, about 6 hours to light off.
【AUTO】	Time control 14 hours	Everyday/memory	Night	100% brightness and slowly decrease brightness, about 12-14 hours to light off.
Note: After the remote control turns off the lamp for more than 48 hours, the lamp body enters the sleep mode, the standby current is 5uA. The lamp must be connected to the solar panel when it works again. It's AUTO mode.				



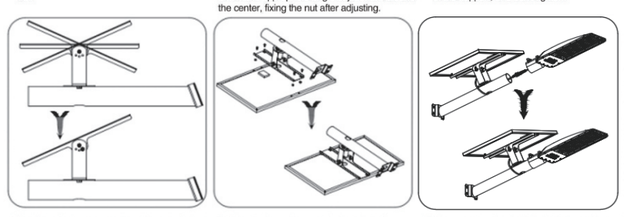
Installation Instructions



1.Setting the nut screw at the bracket connecting rod to the bracket, don't fix at first.

2.Adjusting the angle: the bracket connecting rod can be on the base plate of the bracket, and make appropriate angle adjustment around the center, fixing the nut after adjusting.

3.Screwing through the center screw hole of the solar panel bracket and the connecting rod of the support, and don't tighten.



4.The inner three screw holes of the solar panel bracket and the outer three screw holes of the connecting rod are rotated to the holes to adapt to different installation angles, fixing the screws after adjusting the angle.

5.Screwing the solar panel to the bracket.

6.The solar panel output line is threaded through the hole under the bracket, pull out from the front, connect it with the street lamp input line; Then insert the bracket into the bracket hole of the street lamp, tighten the bracket with screws, and plug the excess power cord into the bracket.

Cautions/Important Notice

★ Please keep the installation tools away from children.
★ The photovoltaic panel should choose a good Angle to ensure the longest lighting time for the photovoltaic panel.
★ Please install on a flat and stable surface, and fix the photovoltaic panel and the lamp body to prevent wind or other reasons from hurting people.
★ Contains batteries, batteries are recyclable, please do not throw them away.
★ Contains batteries, the product is strictly prohibited to be placed on fire, it may explode
★ Please do not connect to 110/220V alternating current to avoid damage to the lamp body.
★ In order not to affect the use effect, clean up the dust or debris on the surface of the solar photovoltaic panel every 3-4 months.
★ In autumn, winter, continuous cloudy or rainy days, the charging effect will be weakened and the lighting time will be shortened, which is normal.
★ Avoid installing lamps near air conditioners, heating objects, or high-voltage power grid systems.