

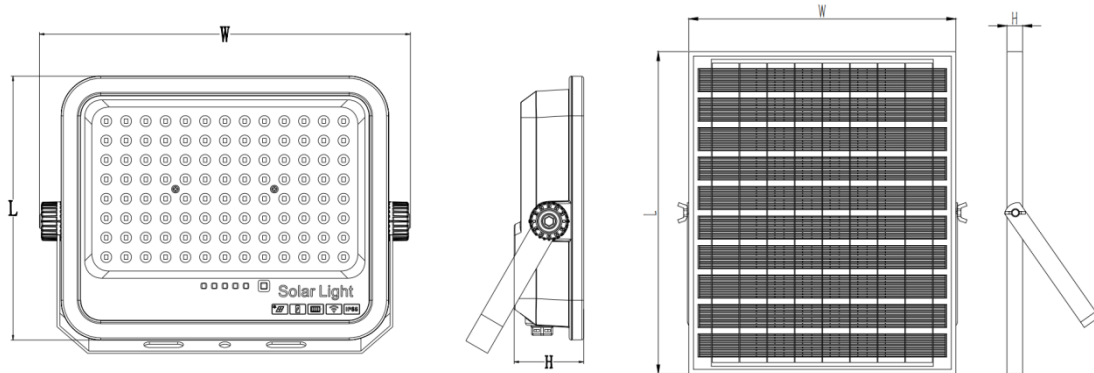
Product Specification

Product Name: Solar flood light

Product Series : Glory Stars series



Product structure drawing



Product parameter

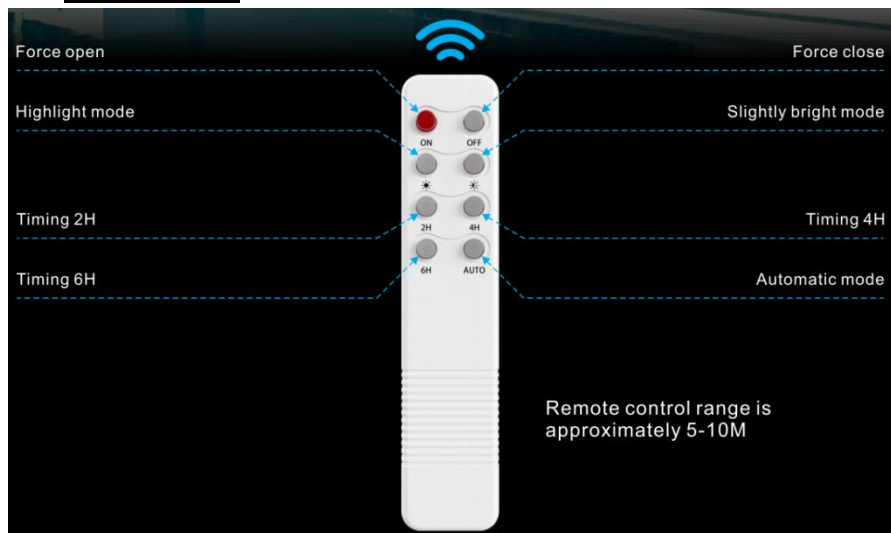
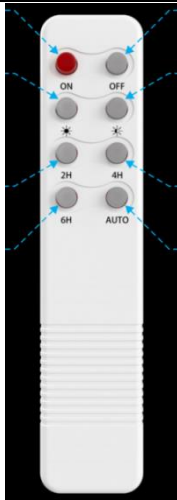
Name	型号/参数									
	ZQ- RYH- TJ-1A- 040W	ZQ- RYH- TJ-1A- 050W	ZQ- RYH- TJ-1- 050W	ZQ- RYH- TJ-1- 100W	ZQ- RYH- TJ-2- 100W	ZQ- RYH- TJ-2- 150W	ZQ- RYH- TJ-3- 150W	ZQ- RYH- TJ-3- 200W	ZQ- RYH- TJ-4- 250W	ZQ- RYH- TJ-4- 300W
Solar panel size(W*L*H)	217*13 2*15mm	270*18 0*15mm	270*18 0*15mm	235*35 0*15mm	235*35 0*15mm	290*35 0*15mm	290*35 0*15mm	400*35 0*15mm	450*35 0*15mm	530*35 0*15mm
Solar power (W)	4W/5V	6W/5V	6W/5V	12W/5V	12W/5V	15W/5V	15W/5V	20W/5V	25W/5V	30W/5V
Battery	4AH	5AH	5AH	10AH	10AH	15AH	15AH	20AH	25AH	30AH
Lumen (max)LM	550LM	700LM	700LM	1400LM	1400LM	2100LM	2100LM	2800LM	3500LM	4200LM
LEDs	2835/ 32PCS		2835/50PCS		2835/104PCS		2835/135PCS		2835/170PCS	
Lamp body size(mm)	154*128*47		159*200*53		250*200*53		284*227*53		319*255*53	
Battery type	LiFePO4 Battery-3.2V									
Battery cycle life	>1200									
Protection voltage	2.1V									
Installation height	3-6m									
Lighting	Charge during the day (>10lux) & light off, discharge at night (<5-10lux) & light on									

Control	
Charging time	Normal illumination 4-6 hours (>40000lux)
Working time	>12H(full charge AUTO mode)
IP rating	IP65
Material	ABS,black
Temperature and humidity	Temperature: charge above 5°C, discharge above -10 °C Working humidity: 95% RH


Instructions

1. After taking out the lamp body, connect the photovoltaic panel, charge and activate the lamp;
2. After the lamp is activated, the default mode is "AUTO", and the user can set the required working mode by remote control;
3. Install the lamps according to the installation process;
4. After the installation of the lamp, if the charging time is not enough, the night lights may affect the lighting time and brightness, until the next charging is sufficient, the work will turn to normal; Or autumn, winter, continuous cloudy or rainy days, the charging effect will be weakened, and the lighting time may be shortened, which is a normal phenomenon.

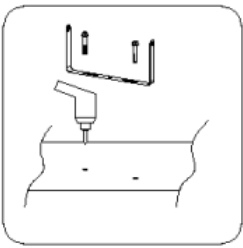
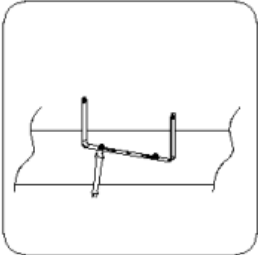
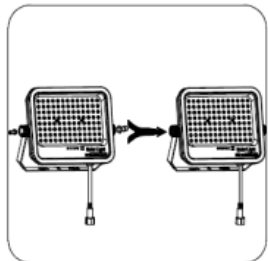

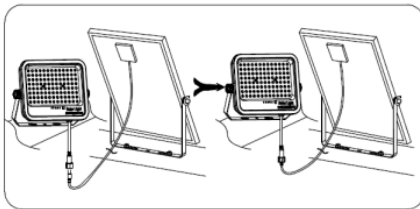
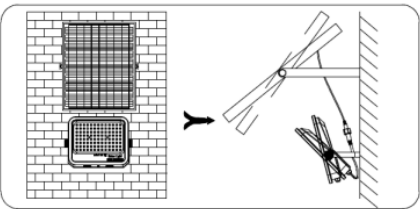
Product function



Key	Function	Validity	Valid conditions	Detailed description
【ON】	On	Single/without memory	Day and night	100% brightness and slowly decrease brightness, about 12-14 hours to light off.
	Permanent power off cancellation	Single/without memory	Day and night	When the light is off, press [ON] to cancel the permanent power off.
【OFF】	Off	Single/without memory	Day and night	Light off
	Permanent power off	Every day /with 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.
*	High light	Single/without memory	Day and night	Press the key when the light is on, 165% brightness and not slowly decrease brightness. About 3 hours to light off.

	Slightly light	Single/without 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	Every day /with memory	Night	165% brightness and not slowly decrease brightness, about 2 hours to light off.
【4H】	Time control 4 hours	Every day /with memory	Night	100% brightness and brightness slowly decrease brightness, about 4 hours to light off.
【6H】	Time control 6 hours	Every day /with memory	Night	100% brightness and brightness slowly decrease brightness, about 6 hours to light off.
【AUTO 】	Time control 12 hours	Every day /with 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.				

Installation instructions

		
①Use the drill to cut a hole at the installation position (according to the position of the solar panel bracket and the lamp body bracket), plug and knock the expansion screw in place.	②Use a spanner to fix the screws to the light plate and lamp body bracket.	③Fix the lamp body with hexagon socket head cap screw.
		

④Fix the solar panel with wing screw.	⑤Connect the solar panel cable with the lamp body terminal.	⑥Adjust the solar panel angle according to the angle of maximum daylight duration and keep an angle with horizon based on local latitude and longitude,select the right angle, tighten it. Set the lamp body with lighting direction(The luminous surface of the lamp body is strictly prohibited from irradiating the photovoltaic panel crystal surface),select the right angle and tighten it.
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Important Notice

- ★ Please keep the installation tools away from children.
- ★ Please install on a flat and stable surface, and fix the photovoltaic panel and the lamp body to prevent from hurting people by wind or other reasons .
- ★ Choose an angle to ensure the maximum daylight duration for the photovoltaic panel.
- ★ Please do not throw the lamp away because it contains batteries which is recyclable.
- ★ The product is strictly prohibited to be placed on fire because it contains batteries and it might cause explosion.
- ★ Please do not connect to 110/220V alternating current to avoid damage to the lamp.
- ★ In order to keep the lighting effects, please clean up the dust or debris on the surface of the 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.