

Installation Manual For MATRIX All In One Solar Garden Light

1. Instruction

This model includes solar panels, lithium batteries, charge controller and LED light source. It is easily assembled according to the product label.

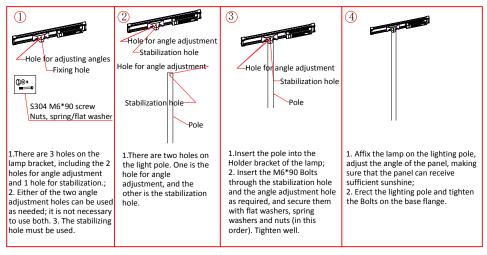
2. Application

Mainly used for lighting in public places such as countryside roads, branch roads, family yards, tourism areas, parking lots, parks and public squares.

3. Specification

Lamp Photo		
Model No.	KY-Y-YG-001	
Light Source	Bridgelux 3030	
Solar Panel	5V/25W Mono PV	
Lithium Battery	LiFePO4 3.2V/40AH	
Rated Power	10W	
Color Temperature	6000K	
Light Efficiency	110LM/W	
CRI	Ra≥70	
Working Environment	-10℃~+60℃	
Lamp Dimension	835x203x88mm	
IP Rate	IP65	
Lamp Weight	4.5KG	
Packing Dimension	885x253x138mm	

4. Installation Process



Note: Before use, put the lamp under the sun, illuminate the Solar Panel directly to activate the light source board, or use the supplied remote control to start. After the light source indicator flashes slowly (charge), then begin installation.

Indicator Signal Explanations:

- 1. Constantly ON, indicating that the battery is working normally and/or the LED light source is ON
- 2. OFF, indicating that the battery is not working or the system was switched OFF
- 3. Slow flashing, indicating that the system is charging
- 4. Fast flashing, indicating that the system is malfunctioning (battery over-discharge or over-voltage)

Precautions:

- 1. The product must be properly packaged while transportation to avoid collisions;
- 2. The controller debugging should be operated in accordance with the manufacturer's instruction book;
- 3. The working voltage of this type of lamp was designed based on the product specification showed on the product label, changing this voltage will cause damage to the product;
- 4. The maintenance or replacement of lamps requires qualified persons to replace them to avoid danger;
- 5. The installation location should avoid all kind of shades obstructions, such as high buildings, trees, wires, etc., ensure that the solar is facing to a sufficient sunlight;
- 6. If the product has not been used for more than three months, it should be recharged for two days under sufficient sunshine before use to ensure the best performance of the product;
- 7. In areas with less rain, it is recommended that the panels get cleaned once a month, as well as the areas with large amount of dust fall, clean the solar panel more frequently in the dusty places according to the level of dust.

SOKOYO reserves the right to improve the product. We will not notify if this product is improved in the future.