USER MANUAL

SOLAR STREETLIGHT

With Motion Sensor / Remote Control

1. Introduction of Solar Street Light

Solar integrated light, also known as integrated solar street light, is a combination of high-efficiency solar panels, 8-year long-life lithium batteries, high-efficiency LEDs and intelligent controllers, PIR human body induction modules, anti-theft mounting brackets, etc. Integrated solar street light, also called solar integrated solar street light or integrated solar garden light.

2. Features

The integrated solar street light adopts an integrated design, which is simple, fashionable, lightweight and practical;

·Using solar power to save electricity and protect the earth's resources;

Using human body infrared induction control technology, the light is on when people come, and the light is dark when people leave, extending the lighting time;

Using high-capacity and long-life lithium batteries to ensure the service life of the product, generally up to 8 years;

No need to pull wires, easy to install;

Waterproof structure, safe and reliable;

Using alloy material and ABS resin as the main structure, it has good anti-rust and anti-corrosion function;

3. Basic Product Info:

Product Number		BCKHF-01/02/03
Solar Panel Power		30W~40W
Light Power		1LED = 0.5~1W
Battery Capacity		40AH
Induction Device		Y
Overload Protection		Y
Lighting Time	Always-on Mode	≥15h
	Induction Mode	≥20h
Viewing Angle		150°
Color Temperature		9000K
Light Threshold		30lx
Induction Angle		120°
Storage temperature		-20~60℃
Working humidity		≤95RH%
Operating temperature	charging temperature	-20~60℃
	Discharge temperature	-20~60℃
Waterproof Level		IP66
Product Weight		10 pounds
Package Weight		12 pounds
Package Dimensions		26 x 16 x 4 inches
Recommended installation height		9-14ft
Recommended lighting distance		25-35ft

Package:

①Solar light

②Screw set

③Fixed iron sheet

④Fixing arm pole

⑤Remote control

4. Precautions

1). The solar integrated street light cannot work without sunlight. Please select the appropriate product model according to the sunlight intensity of the installation site or the total annual radiation of solar energy. In areas with insufficient sunshine or long continuous cloudy and rainy days, the working time of solar light will be shortened or not illuminated.

2). The solar integrated street light uses a long-life lithium-ion battery as an energy storage device. The charging condition during the day is -20~60 °C. When the temperature is lower than -10 °C, the charging efficiency will be greatly reduced, and it will return to normal when the temperature rises. The discharge condition at night is -20~60 °C, beyond this range, the battery performance will be damaged and the discharge time will be greatly shortened. When using this solar integrated street light, please confirm that the local extreme temperature will not exceed the above conditions.

3). The longest storage period of the solar integrated street light is 4 months after being fully charged. If it is transported or stored for a long time, it needs to be checked in time, charged and recorded regularly, otherwise the battery will be damaged.

4). If the product is installed in the northern hemisphere, the solar panel should be oriented towards the south as far as possible to obtain the maximum light energy; if it is installed in the southern hemisphere, the solar panel should be oriented towards the north during installation. At the same time, it is necessary to avoid the shadow of obstacles such as houses and trees, which will reduce the power generation efficiency of the solar panel and shorten its working time.

5). The degree of cleanliness of the solar panel surface of the solar integrated street light will also affect the power generation efficiency of the solar panel, so its surface (such as dust, leaves, oil, etc.) needs to be cleaned, and it is recommended to treat it with ordinary cleaners regularly.

5. Installation Instructions

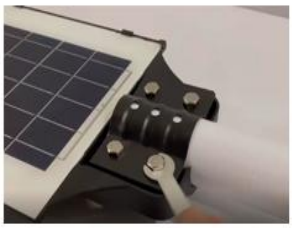
1). Choose the best location for lighting and lay out the light poles. The light poles should be iron poles or steel/wood poles with a diameter of 3-5m, a diameter of 50-90mm, and a wall thickness greater than 2.0mm; you can also choose a well-lit wall as a fixed point.

2). Open the package and check whether the parts are complete.

3). Put the pole into the light,and fasten the anti-theft screws to ensure that the light is stable; according to the actual situation, the arm can be fixed to the wall or the pole.

4) . When installing light at high altitudes, please be sure to protect you from high altitudes to prevent accidents.

as the picture shows



Step 1:
Attaching the LED light and fixing arm pole (Non-adjustable)

Step 2:
Fixing the LED light and mounting bracket with 4 screws
(tool required: screwdriver/wrench)

6. Instructions for Use

There are 3 modes of product usage:

Timing Lighting mode: controlled by the remote control, the light will automatically turn off after a certain period of time. Currently, it can be set to 2/3/5/6/8 hours (corresponding to buttons “2/3/5/6/8H” respectively);

Motion Sensormode: The brightness of the light is 30% of normal

when no one is there. When it is sensed that someone enters the range of 25-30 feet, the brightness returns to 100%; after the person leaves the secondary range for 20 seconds, the light returns to the normal state 30% of normal.

Always Lighting mode: keep 100% brightness until the battery is exhausted .

Notice:

The Induction mode can sense moving objects. Please note that when using this mode, try to ensure that lamp do not face non-human areas that move frequently, and avoid frequent changes in brightness due to frequent sensing of moving objects.

7.Remote control

Before using it for the first time, please make sure the solar panels can be fully charged in 6-8 hours under direct sunlight, and insert batteries (2* AAA) into remote control.

OFF/ON: Turn OFF/ON the solar light

25%-100%： Always Lighting 25%-100% brightness

2H/3H/5H/6H/8H ： Timed Light Up Lighting 2/3/5/6/8 hours (Automatically switch to induction mode after the timing is over);

： Motion sensor mode (30% power lighting until motion detected becomes 100% power lighting; 30% power lighting after people leave for 20 seconds)

8.Q&A:

How to turn on the light?

1: Press the ON/OFF button 3-5 Second on the solar light to turn on the light.

2:Press the button on the remote control to turn on the light.

3: Press the “ON” button on the remote control to turn on the light.

4:Press the “2/3/5/6/8H” button on the remote control to turn on the light.

How to turn off the light?

1: It will turn off automatically at dawn.

2: Press the ON/OFF button 2-3 Second on the solar light to turn off the light.

3: Press the “off”button on the remote control to turn off the light.

How to open motion detection?

Please press the button on the remote control to open motion sensor mode.

Switch light video connection:

https://youtube.com/shorts/sdDQ_qr3JcY?feature=share