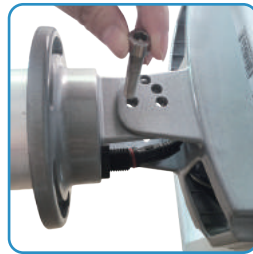


Installation Diagram



Step 1:
Connecting the cables



Step 2:
Fixing the solar panels
and brackets



Step 3:
Fixing the solar panel, adjust
angle on the vertical for 270°



Step 4:
Adjusting angle on the
horizontal for 360°



Step 5:
Using 2 pcs anchor ear mount
on pole (for pole)

Easily Installation



Step1: Connect panel to light

Step2: Fix with screws

Step3: Install the lamp on the pole



Using Instructions:

1. Clean surface of solar panel regular such as dirty leaves, oil, ect, ensure high photoelectric conversion efficiency.
2. Set suitable angle towards sun. (\approx local latitude).
3. Please avoid solar panel being shielded by buildings, trees, antenna mast or other obstructions, otherwise it will reduce working efficiency of solar panel, resulting in lower system efficiency.
4. Recharge battery every 3 month at least if it is idled.
5. Charge temperature of Lithium battery is from 0°C to 55°C , the discharging temperature is from -20°C to 60°C , make sure that ambient temperature is in this range when used, avoid damage to lithium battery.
6. Clean snow on solar panel surface timely in winter.

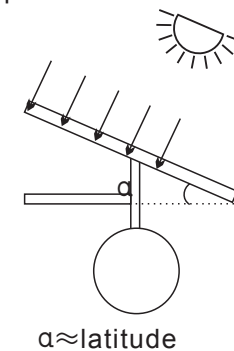
Trouble Shooting

Why it doesn't light after installation?

Firstly check the waterproof connector is connected well or not, if the waterproof connector is connected well, please check if the battery is powered, you could install the solar light in outdoor and absorb the sunlight directly for charging, observe the condition at night.

Why it light during the day time?

Solar Moon Light has a demonstration mode, whatever day and night it bright in this mode, so it may be switched in this mode, please use remoter switch other modes.



Solar Garden Light User Manual

With remote controller

Smart Solar Garden Lamp (2017 - II)

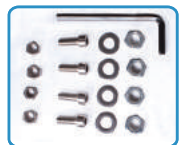


Parameters

Model No	BS-ML-6	BS-ML-9	BS-ML-12
Model No	BS-PA-6	BS-PA-9	BS-PA-12
Model No	BS-AP-6	BS-AP-9	BS-AP-12
Lamp power	6W	9W	12W
Solar panel	12w/5v	25w/5v	40w/5v
LiFePO4 Lithium battery	10AH/3.2v	20AH/3.2v	30AH/3.2v
LED qty	6pcs	9pcs	12pcs
Luminous Flux	600-720lm	1200-1400lm	1500-1800lm
LED chip	Bridgelux		
Color temperature	3000-6500Kelvin		
CRI	≥75Ra		
Light control voltage	1V		
Illumination(stand by)	30%		
Sensor area	<33 Feet (<10 Meters)		
Delay time	20S		
Charge time(full sunlight)	6~8hrs		
Working temperature	-4F~140F (-20°C~+60°C)		
Lifetime	≥50,000hours		
Material	High quality die-cast aluminum		
Mounting height	10-20 feet (3-6m)		
Installation spacing	26-33 feet (8-10m)		

List Of Accessories

Component	Quantity	Function
M6x20 screws	4sets	Fix the solar panel
6mm Allen key	1pc	Fix M6x20 screws
Anchor ear	2pcs	Fix the light body
Open spanner	1pc	Fix the anchor ear
Remote control	1pc	Control the working mode
User manual	1pc	Direct customers to use products



Humanize Intelligent Remote Control Technology



Six Working Mode Choices

DEMO: Test button (light "on" for 1 mintue).

ON/OFF: On/Off button (press the button turn on the light, press again turn off the light, no matter day or night).

L: 100%-1hr, 70%-3hrs, 20% till dawn.

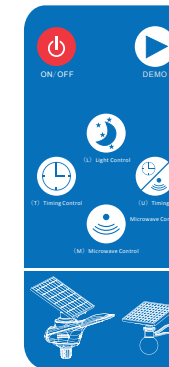
T: 100%-2hrs, 70%-2hrs, 50%-2hrs.

U: 100%-2hrs, 70%-2hrs, 50%-2hrs, sensor working 50%, if people come close, 20% far away.

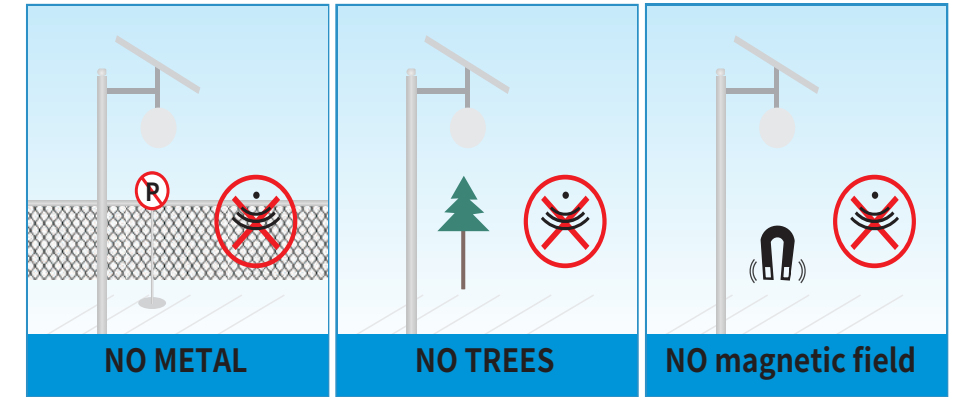
M: 100% if people come close, 30% far away.

Remark:

- * After connected the cables between solar panel and the lamp, the light will turn on automatically when it detect sunshine (there is no need using remoter to turn on the solar light).
- * Default is M mode, you can choose the best mode according to different sunshine condition.



Introduction Of Microwave Sensor



What is microwave sensor?

Microwave sensor works by emitting high frequency electric wave to detect objects movement, such cases above may result in not working well.

Why choose microwave for outdoor lighting?

1. It can get through glass, wood, plastic and other non-metallic object so it can be installed inside and there is no influence to lamp's appearance.
2. It won't be influenced by airflow, dust, temperature, humidity like PIR.

What should be noticed when use microwave sensor?

Microwave has been improved a lot compared to PIR, but is still not perfect. It may be influenced by metallic things and it's very sensitive to some extension, may detect other objects' movement such as leaves' movement.

The wrong working situations as below:

1. Light flickers un-regularly.
2. The lamp too sensitive, so it always at 100% light, then battery can't last long.
3. Sensor not work, not light when people come close.

In a word, sensor is good but it has its limitation. When installation place it can't be changed, better change mode to non sensor one(L or T).