### CONSTRUCTION

- **Screw Hole**
- **Solar Panel**
- **LED Solar Panel**
- **LED Bulb**

Measuring about 32.9 x 4.1 x 1.1 inches, the solar panel is intended to be wall mounted, with a solar panel (12.2 x 1.7 inches) on the upper side, and the LED light on the bottom side, in the middle along with the motion sensor, and with the switch on the back. It's designed with two screw holes on either side for easy fixing to the wall.

The light faces down, while the upper solar panel is exposed to sunlight to charge the enclosed rechargeable battery.

### DESCRIPTION

The solar motion sensor light absorbs the sun's energy to power the solar panel. The solar panel converts the sunlight into electricity during the day and is stored in the rechargeable battery to supply power at night. The lamp will automatically turn on at night and off in daylight.

This solar motion sensor light features 3 lighting modes to customize light to match your needs:
- Perfect for patio, deck, pathway, driveway, garden, etc.

### FEATURE

- **Solar powered, environmentally friendly**
- **Built-in solar panel, energy saving**
- **3 lighting modes to select**
- **Install simple, turn on at dusk, off at dawn**
- **Weatherproof design for durability**
- **Automatically charge from sunlight and store power for lighting**
- **Easy installation, no wiring**
- **Widely used for outdoor illumination**

### SPECIFICATION

**Solar Panel:** 5.5V, 12W  
**Li-ion Battery:** 3.7V, 2200mAh  
**LED Quantity:** 77 LEDs  
**Color Temperature:** Cool white (5500-6800K)  
**Detecting Distance:** Up to 52 feet (16 meters)  
**Detecting Angle:** 120 degrees

### INSTALLATION

**Step 1: Choose the Lighting Mode**

There is the lighting mode switch on the back of the lamp. Refer to the lighting mode according to your need.

**Step 2: Find the Suitable Location**

The lamp is solar powered, a good location without any shelter or glass that facing south can guarantee the solar panel access to at least 6-8 hours direct sunlight to fully charge the battery.

### LIGHTING MODES

<table>
<thead>
<tr>
<th>Mode</th>
<th>Light Setting</th>
<th>Sensor Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off</td>
<td>No Light</td>
<td>Off</td>
</tr>
<tr>
<td>Low</td>
<td>20-22 meters</td>
<td>77 LEDs</td>
</tr>
<tr>
<td>High</td>
<td>&gt;26 inches</td>
<td>77 LEDs</td>
</tr>
</tbody>
</table>

### Optional Light Sensor

- **Large Light Mode**
- **Medium Light Mode**
- **Dim Light Mode**

The lamp will automatically turn on at night. It can last for 10 hours after 8 hours charge under direct sunlight. As the lamp is solar powered, the real working time depends on the power it has in the day.

- **Lighting Angle:** 120 degrees
- **Color Temperature:** Cool white (5500-6800K)  
**Detecting Distance:** Up to 52 feet (16 meters)  
**Detecting Angle:** 120 degrees

**Installation Range:** 2-8 meters

**Material:** ABS plastic  
**Weight:** 356g  
**Product Dimensions:** 330*104*44mm  
**Working Life:** 1-2 years  
**Working Voltage:** 3.6V  
**Max Working Current:** 250mA  
**Max Brightness:** 1200lux  
**Max Power:** 12W  
**Power Source:** Solar energy  
**Efficiency:** 10-15%  
**Weight:** 1.2kg  
**Dimensions:** 330*104*44mm  
**Power Source:** Solar energy  
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AFTER-SALE SERVICE
This product is guaranteed for 12 months from the date of purchase, please contact us if you need a replacement/refund.

Email: support@innogear.net
Phone: 800-806-3008

NOTE
1. The solar light needs to be placed somewhere which can get direct sunlight regularly.
2. The charging time depends on the intensity of sunlight.
3. The solar panel can charge quickly under strong sunlight, while charge slows under weak sunlight.
4. The lighting time depends on the power it saved in the day.
5. The solar panel does not get sunlight, the lamp will not work or not work as desired time.
6. Even though the solar lamp is bright, it is not as powerful as a constant stream of electricity.
7. The color temperature of the solar lamp is different, like cloudy, rainy, or snowy day, battery cannot be charged.
8. In such cases, solar lamp cannot work at night.

WARNING
1. Working hours on full battery. Variations may occur.
2. Charge the solar lamp far from fire in order to avoid explosion.
3. Any severe beat or shock to the lamp is not recommended.
4. Disassemble to the solar lamp is not recommended in case of damaging the lamp.

PACKAGE INCLUDE
- Solar Motion Sensor Lamp
- Solar Panel
- Expansion Pillar hinge
- Screw

FAQ
I. The light doesn’t work.
1. Make sure the motion sensor is working in case of no light.
2. The built-in battery is out of power, you need to charge it before use.
3. The solar panel under strong sunlight and no shade or eave shelter the solar panel.
4. Different types of lamps have different charging time.
5. There is no strong sunlight for several days (like cloudy, rainy day), the lamp will be out of power thus can’t light up. It will charge again if sunny day comes and light up at night.

II. Motion sensor is insensitive.
1. The motion sensor will also be affected by the temperature.
2. The lower temperature, the lower sensitive.
3. The motion sensor will be affected by the sun.

III. Different type of lamps have different mounting ways.
1. Make sure the mounting height is the recommended height in the user's guide.

IV. Lighting time is short.
1. The motion sensor is depending on the size of solar panel, sunlight intensity and charging time.
2. The battery is charged by sunlight during the day, the longer it works during the night.
3. Close the lamp almost all the time with or without charge, thus the lighting time is short or the lamp cannot light up.
4. After the solar panel is charged in sunny day, the lighting time will be lengthened.

V. The light isn’t bright.
1. Different type of lamps have different brightness and color temperature.

II. When the battery is in low power state, the light will not be affected.
3. The solar lamp cannot be as powerful as the constant stream of electricity.

V. Charging Time.
1. Charging for over 8 hours is recommended, but solar products’ charging time is affected by weather condition and the place. Please install it under the direct sunlight at a place where no shade or eave can shelter the solar panel.
2. Solar panels are very efficient in good weather. To optimize the efficiency of solar panel. The more it charges in the day, the longer it works during the night. If it is located in a shaded place, the different weather condition will affect the charging time.

VI. How to replace the battery.
1. It is not recommended to replace battery, as disassembling the product may affect the waterproof function or damage the lamp.

CORRECT DISPOSAL OF THIS PRODUCT
(Waste Electrical & Electronic Equipment) This appliance is of the type that contains valuable materials and recyclable and is responsible to promote the sustainable development of waste electrical and electronic equipment.
Household user should contact either the retailer where the product was purchased or the government office for details of where and how they can drop off this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other waste for disposal.

AFTER-SALE SERVICE
This product is guaranteed for 12 months from the date of purchase, please contact us if you need any help.
Email: support@innogear.net
Phone: 800-806-3008

www.innogear.com