

Solar LED Garden Lamp- with infrared sensor type 2



Solar Garden Lights utilize the solar energy to power themselves for illumination of pathways at nights. With a super illuminating effect design, these lights are featured in their high brightness, easy installation, reliable performance, long service hours with on consumption of conventional energy and no need of laying cables, they are environmental friendly products advocated by the current society and are mainly applied to illumination and decoration for urban streets, pathways in residential compounds, industrial zones, greenery belts, squares, walking streets and health clubs, etc.

Feature

- Integrated design without cable outside the unit, you can use wood, bamboo, iron or whatever material at the site as lamp stand for low cost installation.
- The product is the perfect combination with solar power and LED.
- Using high power capacity and long life Lithium iron Phosphate Battery, to ensure the life span. This type of battery has great high-temperature characteristic.
- Rain-proof structure, maintainance free.
- Main structure is made by alloy material for anti-corrosion.
- The Solar garden light integrates infrared sensor, when people are approaching, the light will be all for 60 seconds. When the people is leaving away, the light will be reduce 1/2 lightness automatically, to save the energy.

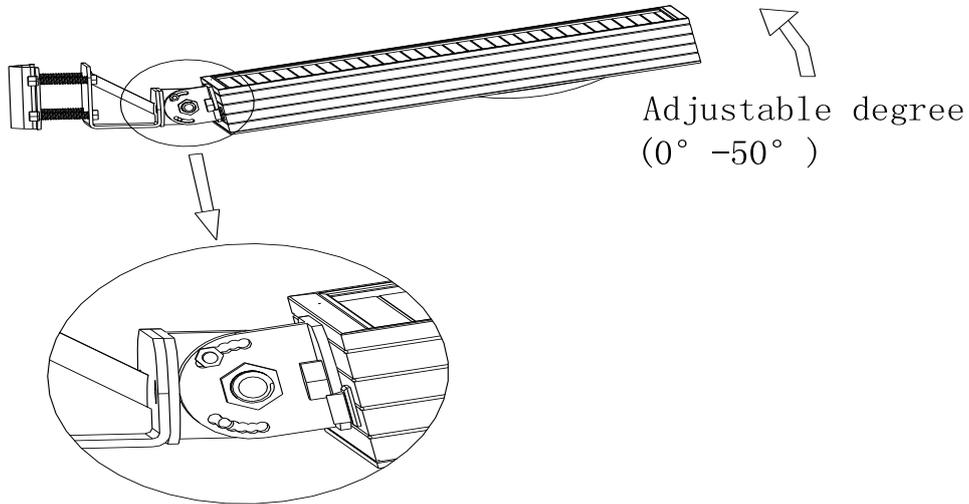
Specification

Solar Panel	Crystalline silicon 15W 18V
Battery	10AH 12.8V Lithium iron phosphate battery
Infrared Sensor	Detection distance: 5-7m. Detection Angle: < 140°
LED light	Infrared sensor triggered & LED working at full Power 5W, Infrared sensor not triggered & LED working at half power 2.5W. Length for each triggered lighting: 60 seconds Luminous Flux : LED at full power 5W 420 Lumens, LED at half power 2.5W 210 Lumens. Brightness of light: 6 LUX @ full power lighting 5W on 4m lamp-post; 3 LUX @ half power Lighting 2.5W on 4m lamp post
LED Coverage	Angle: 120°, Area: 5mX5m
Charging Time	8 hours under full sun

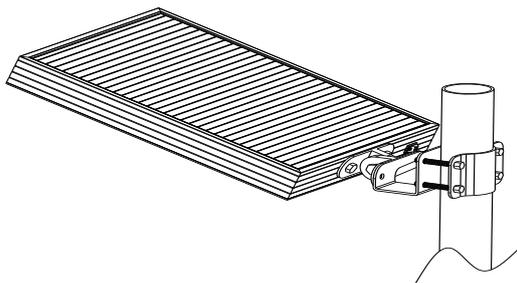
Working Temperature	-20°C -- +60°C
Working Time @ full battery :	Infrared sensor triggered & LED working at full Power 5W >20 hours, Infrared sensor not triggered & LED working at half power 2.5W > 40 hours, 2-3 rainy day backup
Installation advice	Height: 3–4m, distance between lamp post: 8–10m
Dimension of product	400x320x50mm
Waterproof class.	IP65
Warranty	1 Year

Installation

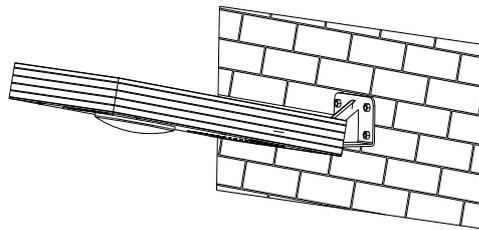
Make the solar panel face south while installing. Meanwhile, you can adjust the angel between the lamp head and level (as follows), you'd better reconcile the lamp head with local latitude. the solar garden light will work automatically after you turn the switch on.



Two installation ways:



Install on pole



Install on wall

Caution:

- Please do not open the product by yourself.
- Prevent the solar panel being covered by buildings.
- When the ambient temperature rises close to the human body temperature. The detection distance will be shortened.
- Clean solar panel surface with a soft cloth periodically.