

SSL-G2 series

Split type Solar Street Light

- Flexible combination of each component with different capacity
- Reliable and safe lighting performance
- Support full night high brightness illumination

SSL-G2 Split type Solar Street Light

More flexible and higher cost effective

SSL-G2-GW

SSL-G2 split type of solar street light is a kind of solar light that solar lamp, batteries and solar panels are all separately designed. you can combine each component with different capacities flexibly.

Split type solar lights especially suitable for area with long rainy/ cloudy days or project require full night high brightness illumination. Split type solar light can provide a more reliable and safe lighting performance.

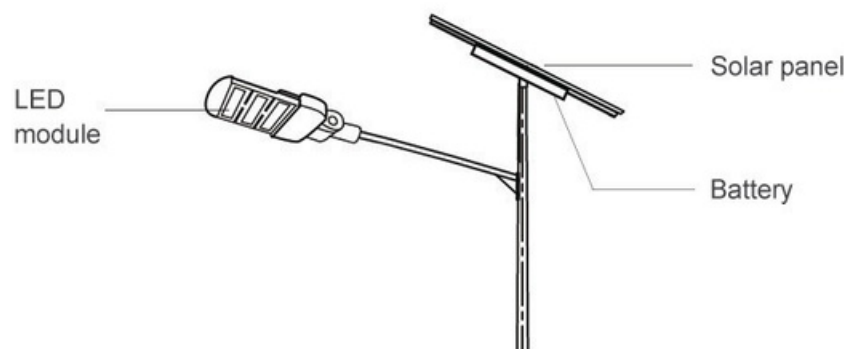
CE

IP65

ROHS

Split type Solar Lights Design

Solar panel and batteries capacity options are more flexible



Product Specifications

MODEL	SSL-G2 Split type Solar Street Light
LED	Bridgelux /Philips/CREE LED chips3030, 170-180LM/W, 5700K ~6500K (2700K-6500K can customize)
Solar Panel	High Efficiency Monocrystalline Silicon
Battery	LIFEPO4 Battery
Intelligent Light Mode	Time control + Light control
Solar Charging Time	6 hours by bright sunlight
Back Up	3 - 7 Cloudy/Rainy days
Material	High Class Aluminum
Certificate	CE / ROHS / IP65



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SSL-G2-BW

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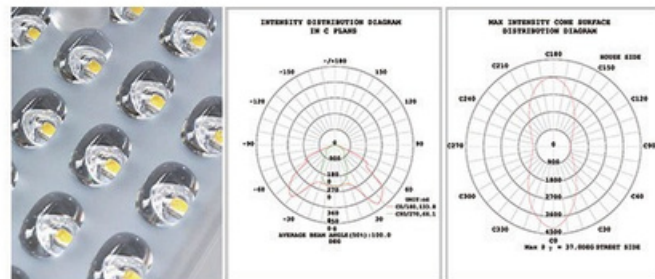


Core Advantages



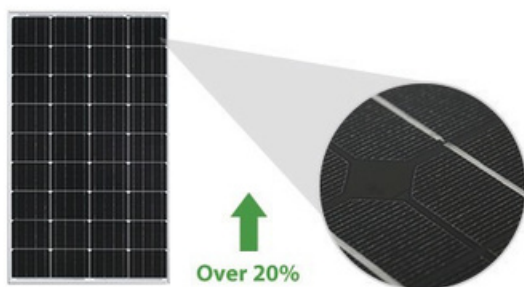
1. +10 Years Lifespan LiFePO4 Battery

High quality LiFePO4 battery cells, safe and stable. Multiple battery protection technology allows the lamp working under high temperature safely.



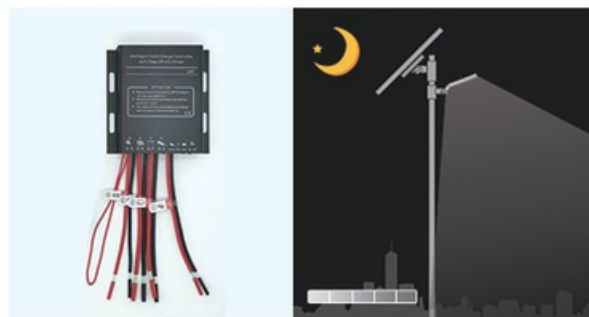
2. Superior Light Source (Lumen reach up to 180lm/w)

+100,000 hours long lifetime of Bridgelux/CREE/Philips led chips, the Luminous efficiency can reach up to 180lm/w.



3. High Efficiency Monocrystalline Solar Panel

With High efficiency Monocrystalline solar cells, the conversion efficiency Over 20%. With qualified and durable design, it had past strong snow/wind load test.



4. MPPT High Efficiency Charge Controller

Provide an increase in charging efficiency up to 30% compared to PWM.

Greater flexibility for system growth.

A range of protection measures such as battery reverse-connection protection, LED short-circuit and open-circuit protection, etc., put the system under comprehensive and constant guard.



5. LED Heat Dissipation

When LED heat up, the performance drops, so maintaining a lower temperature is critical to led performance. Polybrite solar add a heatsink to the PCB to dissipate the heat away from the LED package so that make the led package better performance and durable.



6. Integrated die-cast aluminum lamp bracket

More stronger and anti-rust and anti-corrosion.

Easy Installation

Installation time is highly shorted.

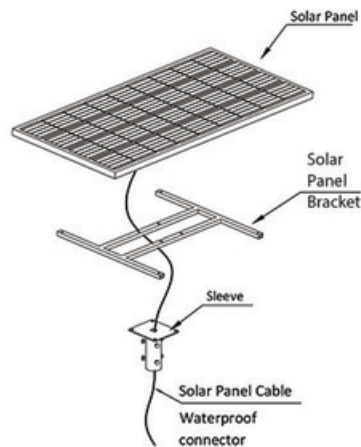
- Provide remote installation instructions
- Test and Debug technical support



Recommend Mounting Height



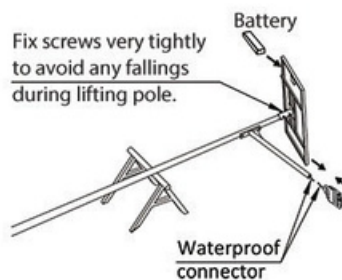
How to install?



1

Solar Panel Bracket Installation:

Fixed bracket, sleeve and solar panel with screw nut.



2

Solar Panel , battery and Lamp install on Pole:

Put the solar panel cable through the lamp arm hole, then install the lamp arm on the pole. Fix screws very tightly to avoid any fallings during lifting pole. Connect the lamp, battery and solar panel wires properly, and fix the LED street lamp.



3

Crane installation: Avoid lifting arm touch and break the solar panels during lifting! Adjust the panles face to South direction and then fix tightly the all screws. Last, adjust the horizontal level and fix screws tightly.

Applications

Polybrite solar lights have been widely used in lighting projects in over 100 countries and areas.

Philippines



Mozambique



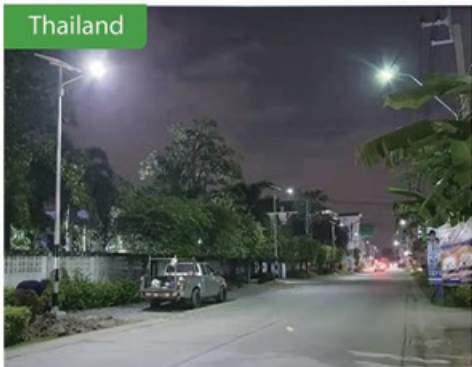
Philippines



Indonesia



Thailand



Mozambique



Thailand



Philippines



Uganda



Rural road
Highway
City street
Wildlife area
Mining area
Community
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Somos una corporación netamente puertorriqueña
creada en el año 2012 para brindar productos de
alta calidad a través de toda la isla.