

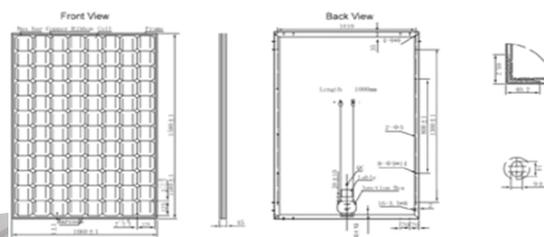
PRODUCT DESCRIPTION

In recent years, solar lighting becomes one part of the using of solar energy, a new alternative to traditional forms of light sources, because of its environmental protection, energy saving, high efficiency and other characteristics of unparalleled quality, one came to by the general public of all ages. Applied to roads, gardens, parks, schools, and field plateau region without external power supply lighting and decoration. Change the traditional mode of saving energy, promote green lighting, highlighting the concept of sustainable development for the benefit of the world of mankind.

SOLAR LED STREET LIGHT (v1)

Technical Characteristics

Surface Maximum Load Capacity	: 2,400Pa
Allowable Hail Load	: 227g steel ball fall down from 1m height
Glass Type	: High transmit, low iron, 3.2mm tempered glass
Frame	: Aluminium-alloy
Dimension(mm)	: 1580(L)x1060mm(W)x45mm(H)
Weight(kg)	: 22.5kg
Dielectric Insulation Voltage	: 3600VDCmax
Operating Temperature	: -40°C +85 °C
Storage Temperature	: -40°C +85 °C
Cable Length	: 1000mm



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SOLAR LAMPS

- Light source height from the ground: 5-8 m
- Applicable light source: high power LED
- Solar cells: high-conversion-rate mono-crystalline silicon or polycrystalline silicon solar cell components
- Battery: fully sealed maintenance-free lead-acid batteries
- Control system: microcomputer intelligent control
- Lighting time: 8 to 10 hours
- Applicability: sunshine time is more than 2200 hours of region
- Ambient temperature: - 20 degrees to 60 degrees
- Light pole material: for the high quality steel, powder coating after hot dip galvanized coating

LITHIUM BATTERIES

- ❖ Low-light charging, improve charging efficiency, and evenly charge a single group of batteries
- ❖ Intelligent calculation, detecting the ratio of charge and discharge to ensure that the lights are on on rainy days
- ❖ Intelligent matching of light sources to improve load efficiency
- ❖ On-site real-time reading of working status and writing of working parameters
- ❖ Automatic overcharge and overdischarge activation

