



High Brightness LED Solar Panel Street Light IP65 6500K 100W 200W 300W Outdoor Street Light

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Yahua lighting
- Certification: CE ROHS IES
- Delivery Time: 5-8 Days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 3000pcs per month



Product Specification

- Solar Panel: 6V/40W Monocrystalline Silicon Solar Panel
- Battery: 3.2V/45AH Lithium Iron Phosphate Battery
- Light Source: High Brightness LED Chips
- Lighting Mode: PIR Motion Sensor Or Time Control Mode
- Charging Time: 6-8 Hours
- Lighting Time: 8-10 Hours
- Material: Aluminum Alloy + PC Lens
- Installation Height: 4-7 Meters
- Highlight: **LED Solar Panel Street Light IP65, 300W Solar Panel Street Light, PIR Motion Sensor Outdoor Street Light**



More Images



Product Description

Products Description

The 300W LED solar street light is a highly efficient lighting solution that harnesses the power of solar energy, ensuring a sustainable and cost-effective alternative. Its superior brightness capacity enables full illumination of expansive outdoor spaces. With a robust battery life, this street light can operate continuously throughout extended dark periods. Durability and weather resistance are additional key features making it suitable for a diverse range of environments, and its easy installation process provides added convenience.

Application: Public spaces, parking lots, and other outdoor areas

Features:

1. Super bright: This 300W LED Solar Street Light is exceptionally bright, emitting 24000 Lumens of Bright mode with 6500K white lighting. Its IP67 waterproof rating enables it to operate efficiently in all types of inclement weather throughout the year.

2. No More Electricity Bills: This street light runs solely on solar energy and comes equipped with a large 36000mAh lithium battery. By choosing this environmentally-friendly lighting option, you too can join us in our mission to conserve energy. The light is able to operate for up to three consecutive nights without the need for recharging, even on cloudy or rainy days.

3: Easy to Install: Installing the 300W LED Solar Street Light is a piece of cake and comes with two mounting options - either on a pole or wall. The package includes a detailed installation manual to guide you through the process. It is recommended that the light be installed between heights of 3.0 - 5.0 meters (10 - 20 feet). When mounted at a 10-foot height, the light can effectively light up an area of 13 x 23 feet. However, when installed at a height of 16 feet, it is powerful enough to illuminate a wider area of 32 x 50 feet.



Technical Specifications

Power	300 watts
Solar Panel	6V/40W monocrystalline silicon solar panel
Battery	3.2V/45AH lithium iron phosphate battery
Light Source	High brightness LED chips
Lighting Mode	PIR motion sensor or time control mode
Charging Time	6-8 hours
Lighting Time	8-10 hours
IP Rating	IP65
Material	Aluminum alloy + PC lens
Luminous Flux	24000 Lumen
Installation Height	4-7 meters

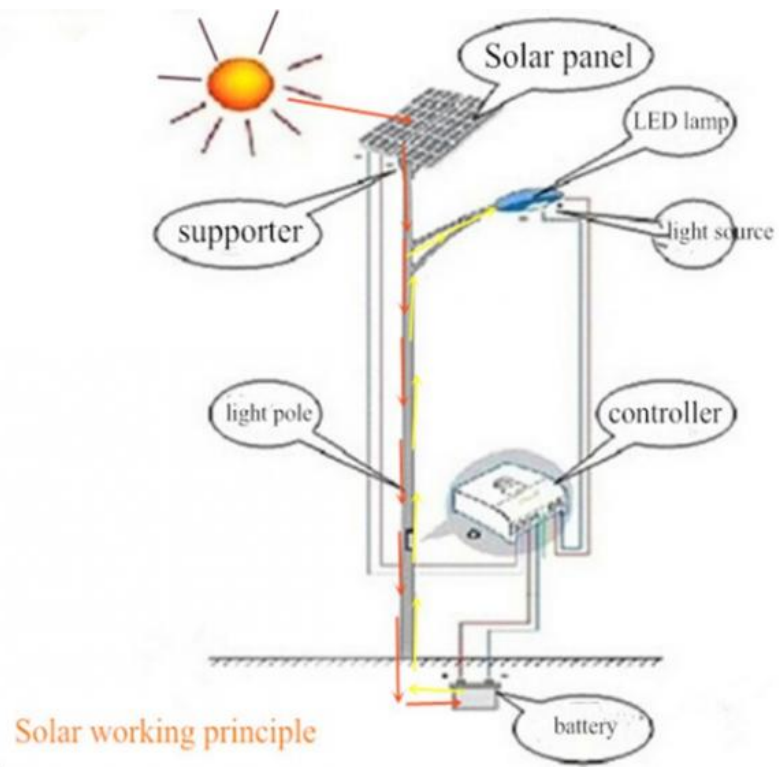
Solar Panel Description:

1: To improve the conversion efficiency of solar panels, we could use high-efficiency polycrystalline or monocrystalline cells and include an aluminum frame and tempered glass.

2: This product comes with a 3-year warranty and guarantees a minimum of 90% of its standard output power for up to 10 years, with at least 80% of its standard output power maintained for up to 25 years.

Solar working principle:

As is common knowledge, the solar panel receives sunlight energy which is then transmitted to the battery through the controller. During the day, the solar energy is converted into electricity and stored in the battery. At night, the electric energy is transmitted to the LED lamp through the controller, causing the light to turn on and illuminate the surrounding area. (See diagram below.)



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