High Light Efficiency Solar LED Street Light 25W-180W 150lm/W IP66 IK09

Our Product Introduction

Basic Information

- Place of Origin: China
- Certification: CE ROHS IES
- Packaging Details: Foam+Carton
- 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

- Lighting Mode: Time Control
- Light Post: Available
- Material: Aluminum Alloy
- Working Temperature: -20℃-60℃
- Lumen: 12000lm
- Color Temperature: 5000K-6000K
- Power: 100W
- Product Name: Solar Panel Street Light
- Highlight: **Solar LED Street Light IK09**, **Waterproof Aluminum Alloy LED Street Light**, **12000lm Lumen Solar Street Lamp**

More Images

Our Product Introduction

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Product Description

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Presenting our Slim-Design Outdoor Solar LED Street Light, crafted with a sleek exterior to prevent debris accumulation. Boasting an ultra-high light efficiency output of 150lm/w, our street lights are offered in 3 sizes, ranging from 25W to 180W, delivering a compact and lightweight design that enhances transportation cost efficiency. Our range encompasses power options such as 25w, 40w, 60w, 75w, 100w, 120w, 150w, and 180w, all featuring a high light efficiency of 150lm/w and IP66 and IK09 ratings, ensuring durability and performance. Furthermore, we offer a variety of mounting adapters to accommodate diverse applications.

Characteristics:

1. Diverse Modes: The Outdoor Solar LED Street Light presents three modes, including Safety Light Mode (automatic motion detection activation), Intelligent Brightness Control Mode (remains on all night, activates with motion), and Permanent Overnight Mode (automatically remains on overnight).
2. Broad Applications: This solar light is suitable for various outdoor settings such as gardens, swimming pools, fences, terraces, driveways, stairs, and exterior walls. It offers heat and weather resistance, ensuring durability in diverse environments.
3. Automatic Activation: The light is equipped with a PIR motion sensor, automatically activating when continuous heat sources within its range are detected, enhancing energy efficiency.
4. Solar Power: Requiring 6 hours of solar charge during the day, the light operates for 10 hours at night, providing an economical, low-carbon, and environmentally friendly lighting solution without the need for cables.
5. Rapid Charging: The solar panel's charging capacity depends on light duration and weather conditions, with stronger sunlight resulting in shorter charging times. Despite cloudy or rainy days, the light's efficiency ensures continued operation, albeit with slightly reduced lighting time.

Technical Parameters

Waterproof Level	IP65
Weight	5.5kg
Material	Aluminum Alloy
Working Temperature	-20°C-60°C
Lighting Time	12 Hours
Lighting Mode	Time Control
Lumen	12000lm
Solar Panel	Monocrystalline Silicon
Light Post	Available

Benefits Of Solar Street Light:

1. Enhanced Energy Efficiency: Solar street lights rely on clean and renewable solar energy, diminishing reliance on conventional electricity sources and reducing carbon emissions.
2. Economical Benefits: Once installed, solar street lights incur minimal operational costs by utilizing free solar energy, establishing substantial long-term savings in comparison to conventional grid-powered street lights.
3. Eco-Friendly Operation: Solar street lights promote environmental sustainability by harnessing clean energy and diminishing the carbon footprint linked with traditional street lighting.
4. Grid Independence: Outdoor Solar LED Street Lights function autonomously from the grid, rendering them suitable for remote or off-grid locations where conventional grid-powered lighting may be impractical.
5. Minimal Maintenance: Solar street lights typically necessitate minimal maintenance due to the absence of intricate wiring and electrical components associated with traditional street lights.
6. Versatility: Solar street lights offer adaptability and ease of relocation, making them suitable for temporary lighting or adaptable to evolving urban development requirements.

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