



25.6V Integrated Solar Street Light IP65 Waterproof Level Installation Height 9 - 12m

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Yahua Lighting
- Certification: CE IP65 ROHS ISO
- Packaging Details: Anti-collision and shatterproof packaging
- Delivery Time: 5-8 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500Pcs/month



Product Specification

- Working Temperature: -20°C~+60°C
- Waterproof Level: IP65
- Installation Height: 9-12m
- Sensing Distance: 20-25m
- Battery Capacity: 25.6V 32Ah/48Ah
- Color Temperature: 6000K
- Luminous Flux: 150-160LM/W
- Light Source: LED
- Highlight: Integrated Solar Street Light IP65 Waterproof, Weatherproof Solar Integrated Lamp



More Images



Product Description

Product Description:

Presenting our cutting-edge solar-powered street light, equipped with an auto ON/OFF function and fast 5-7 hour charging time, providing over 12 hours of brilliant illumination. This weather-proof (IP 65) and anti-corrosive light boast an install height of 4-5 meters, incorporating an optically controlled motion sensor for tailored brightness levels. The sensor activates 10% brightness initially, followed by 100% brightness for 20 seconds upon movement detection, reducing to 20% in its absence. Subsequently, the light switches to 50% brightness for 20 seconds upon movement detection, maintaining 20% brightness otherwise. With a motion detection range of up to 6 meters and a wide 120-degree beam angle, it is suitable for 50 mm-75 mm pole diameters, ensuring versatile and effective installation.

Features:

1. No Electricity Bill & Wireless: Solar panels convert solar energy into electricity, eliminating the need for wires and making installation hassle-free. Ideal for illuminating driveways, paths, rooftops, walkways, garages, backyards, farms, countryside roads, patios, barns, courts, and dark areas.
2. High-Efficiency Solar Panels: Equipped with a 6V/12W polycrystalline solar panel, capable of converting up to 20% of sunlight into electricity. Features a built-in 12000mAh LiFePO4 battery, fully chargeable within 6 hours and offering 12 hours of continuous operation.
3. Motion & Light Sensor: The dusk to dawn security light automatically charges during the day and illuminates at night. It incorporates customizable constant lighting, motion sensors, and brightness settings controlled via a remote.
4. Two Modes and Remote Control: Offers two operational modes - high light when motion is detected, transitioning to dim light when motion ceases, and a consistent 12-hour lighting mode. The remote control allows easy selection of different modes, including 2, 3, 4-hour non-sensor modes, 12-hour constant lighting mode, off button, and sensing mode.
5. Waterproof & Durable: Constructed from durable ABS material, ensuring the light can withstand various adverse weather conditions. With a working temperature range of -50°F to 140°F and a recommended installation height of 13~16.4ft, it offers resilience and functionality in challenging environments.

Technical Parameters:

Lamp Power	50W	100W	150W	200W	
LED Qty	80pcs 5730SMD	120pcs 5730SMD	160pcs 5730SMD	220pcs 5730SMD	
Solar Panel	6V 12W	6V 15W	6V 18W	6V 20W	
Battery Capacity	3.2V 10000mAh	3.2V 12000mAh or 3.2V 15000mAh	3.2V 12000mAh or 3.2V 15000mAh	3.2V 15000mAh	

Lamp Size(mm)	320*210*60mm	395*205*60mm	500*235*60mm	635*255*70mm	
Pole Diameter	Φ48mm	Φ48mm	Φ48mm	Φ48mm	
Lamp Material	ABS Plastic + Reflector				
LED Color	3000-3500K; 6000-6500K				
Lighting Angle	120°				
IP Grade	IP65				
Charging time	4-6 hours				
Lighting time	12-15 hours				
Sensor Area	10-15 meters				
Switch	Radar Induction(when people come, 100% power full light, when people go, after 10s, the light 10% power)				
Mode	Light Induction+ Remote Control+ Radar Induction				



Customization:

Integrated Solar Street Light Customization Services from Yahua Lighting

Yahua Lighting, the leading brand from China, provides customized services for Integrated Solar Street Lights. All our products have passed CE, IP65, ROHS, and ISO certifications and come with anti-collision and shatterproof packaging. Delivery time is 5-8 days and payment terms include T/T, Western Union, and MoneyGram. We provide 500Pcs/month with Monocrystalline Silicon, working temperature of -20°C~+60°C, luminous flux of 150-160LM/W, LED light source, and color temperature of 6000K.

Support and Services:

We provide comprehensive technical support and after-sales service for Integrated Solar Street Light. We have professional engineers and technicians to provide you with product installation guidance, product maintenance and repair services, and timely response to your questions and suggestions.



Packing and Shipping:

Integrated Solar Street Light is packaged and shipped in two separate boxes. The first box contains the solar panel, mounting bracket, and batteries. The second box contains the LED light and other components. Both boxes are sealed and wrapped in bubble wrap for extra protection.

The packages are then shipped via ground or air depending on the customer's request. We also offer expedited shipping services for faster delivery.

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