



Shaanxi Yahua Lighting Electric Equipment Co., Ltd.

solarledstreet-light.com

## Aluminum Alloy IP65 Waterproof Solar Street Lighting System With Energy Saving

Our Product Introduction

For more products please visit us on [solarledstreet-light.com](http://solarledstreet-light.com)

### 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: 1000Pcs/month



### Product Specification

- Material: Aluminum Alloy
- Lighting Mode: Time Control/Remote Control
- Light Post: Available
- Product Name: Solar Panel Street Light
- Color Temperature: 5000K-6000K
- Waterproof Level: IP65
- Component: LED Lamp, Mono Solar Panel, Battery Box, Battery, Connecting Wire, Solar Controller
- Power: 30-200W
- Highlight: Integrated Mono Solar Street Lighting, 5000K Solar Street Lighting System, Aluminum Alloy Solar Street Light 200w



### More Images



## Product Description

### Product Description:

Introducing our cutting-edge Solar Street Light, meticulously engineered for top-tier outdoor lighting performance and reliability. The die-cast aluminum lamp body, designed with high-density precision engineering and hot air convection, optimizes heat dissipation, ultimately extending the service life of the light source. This innovative design ensures unparalleled durability and performance in various weather conditions. With intelligent light control induction, our solar street light operates on an ingenious year-round zero electricity fee system. Automatic charging during the day and seamless lighting at night eliminate the need for manual intervention or complex wiring, allowing for hassle-free installation and maintenance. Equipped with a large capacity battery, our solar street light delivers stable performance, charging to full capacity in just 3-5 hours, and providing outstanding illumination for up to 15 hours. This impressive battery capacity ensures reliable and continuous lighting throughout the night. Our commitment to excellence is reflected in our relentless pursuit of high waterproofing standards. Continual upgrades have resulted in achieving the new IP65 high standard waterproof level, capable of withstanding even the rainiest conditions in southern areas. Rigorous soaking tests have confirmed the product's resilience, as it remains fully functional even when submerged in water. Furthermore, our solar street light features an efficient re-upgrade, incorporating a high-precision power transmission line for more accurate transmission, lower failure rates, and added convenience. This innovative design prevents 20% of electrical energy theft, utilizing high-quality dual-core connectors with negligible energy consumption. Such meticulous engineering aims to ensure optimal efficiency, reliability, and longevity for our valued customers.

### Features:

1. High Photoelectric Conversion Efficiency: The poly-crystalline solar panels offer superior photoelectric conversion efficiency, ensuring better light absorption and faster charging.
2. Enhanced Durability: The product features a thickened body diameter made from thick aluminum material, providing greater corrosion resistance and durability.
3. IP65 Waterproof Rating: With a protection level of IP65, the product is capable of withstanding harsh weather conditions, ensuring reliable performance even in wind and rain.
4. Long-lasting Battery: Equipped with a high-capacity lithium iron phosphate battery, the device offers high efficiency and long-term storage, complete with over-charge and over-discharge protection.
5. Robust Construction: Constructed with aviation aluminum casing using a high-quality integrated molding process, the street light boasts a rain-proof design, ensuring resistance to rust and corrosion.

## PRODUCT DETAILS

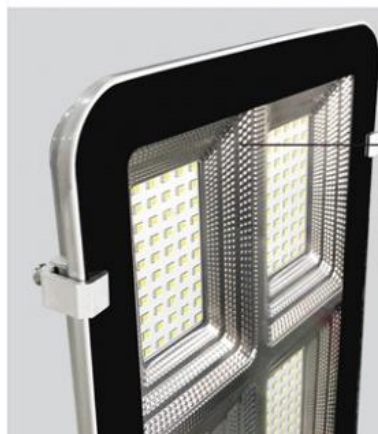
### HIGH QUALITY LED CHIP

Best In Class  
50000 Hours Life Time With  
High Brightness Illumination and  
less than 5% light depreciation



### DIAMOND REFLECTOR

Diamond Reflector  
made from light-weight  
aluminium material increase  
brightness by up to 30%



### Technical Parameters:

Color Temperature(CCT)	6500K
IP Rating	IP65

Beam Angle(°)	150
CRI (Ra>)	80
Input Voltage(V)	DC 6V
Lamp Luminous Efficiency(lm/w)	100
Lamp Luminous Flux(lm)	5000
Warranty(Year)	3-Year
Working Temperature(°C)	-20°-60°
Color Rendering Index(Ra)	80
Certification	CE
Power Supply	Solar
Light Source	LED
Support Dimmer	Yes
Lighting solutions service	Lighting and circuitry design, Project Installation
Lifespan (hours)	50000
Working Time (hours)	50000



**When compared to integrated solar street lights, the advantages of split solar street lights include:**

1. Enhanced Heat Dissipation: The die-cast aluminum lamp body and hot air convection design of split solar street lights enable better heat dissipation, ultimately extending the service life of the light source.
2. Flexibility in Installation: Split solar street lights offer easier and more flexible installation as the solar panel and light fixture can be installed separately, allowing for optimal placement based on sunlight exposure and lighting requirements.
3. Maintenance Convenience: Split solar street lights allow for easier maintenance by enabling the independent replacement of either the solar panel or the light fixture, reducing downtime and maintenance costs.
4. Improved Waterproofing: Split solar street lights typically feature enhanced waterproofing capabilities, making them more resilient in harsh weather conditions, such as heavy rain or extreme humidity.
5. Cost-Effective Customization: The independent components of split solar street lights allow for cost-effective customization and scalability, catering to specific illumination and power requirements based on location and usage needs.

**Customization:**

Yahua Lighting offers a range of customizable solar-powered Streetlighting products, all certified with CE IP65 ROHS ISO and featuring

Anti-collision and shatterproof packaging for secure delivery. Our Solar Powered Street Lights are available in power ranges from 30-200W, with optional Lithium Battery and Light Post, and feature Lighting Mode of Time Control/Remote Control. Delivery time is 5-8 days and payment terms are T/T, Western Union, and MoneyGram. Supply Ability is 1000Pcs/month and all our products are manufactured in China.

## Support and Services:

Technical Support and Service for Solar Panel Street Light

Provide a comprehensive technical support service for the product.

Provide maintenance services for the product.

Provide customer service for the product.

Provide troubleshooting and problem-solving services for the product.

Provide technical training services for the product.

Provide technical advice and guidance for the product.

Provide ongoing software and firmware updates for the product.

## Packing and Shipping:

Packaging and Shipping of Solar Panel Street Light:

The solar panel street light is packaged in a strong box to ensure the safe delivery of the product. Depending on the size of the order, the box is made of cardboard, wood, or other materials. The box is labeled with the product name and instructions for use. It is also important to include a shipping label with the product name, address, and contact information.

The solar panel street light is usually shipped by air freight, sea freight, or express delivery. The delivery time depends on the size of the order, the shipping method, and the destination. The customer will be informed of the delivery time before the shipment is made.





**Shaanxi Yahua Lighting Electric Equipment Co., Ltd.**



+86 2981028690



summer@sxyhzm.com



solarledstreet-light.com

No.1 Xinxi Avenue New Industrial Park, Hi-tech Zone, Xi'an,China