



Shaanxi Yahua Lighting Electric Equipment Co., Ltd.

solarledstreet-light.com

Efficiency LED Solar Street Light IP65 Waterproof 25.6V 32Ah/48Ah Battery Capacity 6000K Color Temperature

Our Product Introduction

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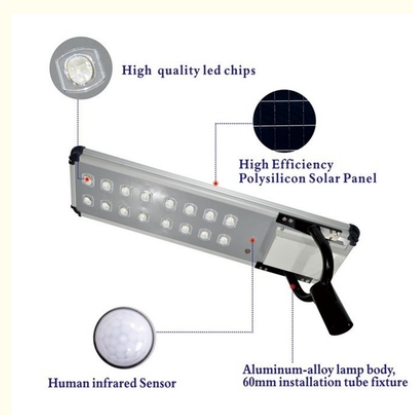
Basic Information

- 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
- Voltage: 25.6V
- Color Temperature: 6000K
- Waterproof Level: IP65
- Battery Capacity: 25.6V 32Ah/48Ah
- Light Source: LED
- Luminous Flux: 150-160LM/W
- Lighting Time: More Than 12 Hours
- Highlight: IP65 Solar Street Light, 25.6V Solar Street Light, 6000K Solar Street Light



More Images



Product Description

Product Description:

Introducing our Solar-Powered LED Street Light powered by the innovative SMD3030 Chip. This cutting-edge design ensures seamless integration, simplifying transportation, installation, and maintenance processes. Our unparalleled design guarantees a trouble-free setup and upkeep, ultimately saving valuable time and effort. The solar panel is engineered for versatility, allowing both vertical and horizontal adjustments to optimize solar energy capture throughout the day, thereby maximizing energy efficiency. Moreover, our solar street light incorporates state-of-the-art software and hardware mechanisms, ensuring efficient management of the battery's charge and discharge cycles for long-term reliability. Equipped with a high-performance LED chip, our light achieves an impressive light efficiency of up to 160lm/w, offering brilliant and dependable illumination while conserving energy. Additionally, the incorporation of an infrared sensor enhances the intelligence of our solar street light, enabling energy-saving functionality and contributing to overall energy efficiency. Our solar street light is the ideal choice for sustainable and efficient outdoor lighting solutions.

Features:

- Unified Construction and Large-Capacity LiFePO4 Lithium Battery:** This solar street light showcases a unified construction and a spacious LiFePO4 lithium battery, delivering ample energy and an extended lifespan. It is lightweight and ecologically conscious, emitting no harmful substances, and promoting sustainability.
- LED Chip with Superior Light Efficacy:** With an LED chip boasting outstanding light efficacy, the Solar-Powered LED Street Light With SMD3030 Chip achieves an impressive output of up to 180LM/W, ensuring a minimum overall lamp efficiency of 160LM/W.
- Maximum Power Point Tracking (MPPT) Controller:** All solar street light series incorporate an MPPT controller, boosting charge efficiency by 15%-30% and guaranteeing optimal energy utilization.
- High-Performance Solar Cell:** Engineered with high-performance solar cells that surpass a 22% conversion rate, the solar street light maximizes solar energy absorption, fostering remarkable energy efficiency.
- Effortless Installation and Maintenance:** Our solar street light is meticulously designed for convenient installation and maintenance, eliminating the need for cable installation or specialized light poles. Its modular functional components facilitate swift and easy replacement, reducing downtime and effort.

Technical Parameters:

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|---|-----------------------------|
| Solar panel (MONO) | 105W |
| High-capacity lithium battery (Built-in) | 532WH |
| Luminous flux (All light pattern) | 9600lm |
| Mounting Height | 5-6m |
| Solar panel charge time (with strong sunlight) | 8 hours by bright sunlight |
| Rainy Days Support | 3-5 days with full charging |
| Working Time (per day) | ≥12 hours |
| Color temperature | 3000-7000K(optional) |
| Light pole diameter | 70-114MM |
| Storage temperature | 0-55°C |
| Operating humidity | 90RH%< |
| Waterproof level | IP65 |
| Package dimensions | 1315*535*145mm |



Support and Services:

The Integrated Solar Street Light comes with comprehensive technical support and services to ensure the highest quality of performance and customer satisfaction. Our product support includes:

Installation Guidance: Detailed instructions and guidance for the correct installation of the Integrated Solar Street Light, ensuring optimal functionality and performance.

User Manual: A comprehensive user manual that contains all the necessary information to operate and maintain the Integrated Solar Street Light efficiently.

Troubleshooting Assistance: Step-by-step guidance to diagnose and resolve any issues that may arise with the use of the Integrated Solar Street Light.

Maintenance Tips: Best practices and recommendations for maintaining the Integrated Solar Street Light to ensure longevity and sustained performance.

Warranty Service: Information regarding warranty terms and conditions, as well as procedures for claiming warranty services in the case of a defect or malfunction.

Product Upgrades: Notifications and support regarding the latest updates and upgrades available for the Integrated Solar Street Light to enhance its features and performance.

FAQs: A list of frequently asked questions and their answers to help users quickly find solutions to common queries.

Our dedication to providing exceptional technical support and services underscores our commitment to our clients and the quality of our Integrated Solar Street Light product.

Packing and Shipping:

The Integrated Solar Street Light is securely packaged in a robust, weather-resistant carton to ensure safe transit. The carton is cushioned with foam padding to protect the light and its components from shocks and vibrations during shipping.

The packaging includes the solar panel, LED light, battery, controller, and mounting hardware, each individually wrapped for added protection. Detailed installation instructions are provided to facilitate quick and easy setup upon delivery.

Before shipping, each package undergoes a thorough inspection to ensure that all parts are included and that the product meets our strict quality standards. The package is then sealed and labeled with clear handling instructions to ensure that it reaches you in perfect condition.

Please note that upon arrival, recipients should inspect the package for any external damage incurred during transit and report any issues immediately to the shipping carrier. Keep all original packaging materials until the product has been fully inspected and found to be in satisfactory condition.

