



Shaanxi Yahua Lighting Electric Equipment Co., Ltd.

solarledstreet-light.com

## Complete set 10000w hybrid off grid 2kw 5kw 10kw 20kw solar energy system 10 kw solar power systems

Our Product Introduction

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

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Yahua Lighting
- Model Number: YHZ-SPS



### Product Specification

- Battery: Lithium Battery
- Voltage: 12V/24V
- Power: 1000W
- Size: Customized
- Solar Panel: Monocrystalline
- Working Temperature: -20°C~60°C
- Warranty: 10 Years
- Type: Solar Power System
- Highlight: Monocrystalline Panel Off Grid Solar System,  
Lithium Battery Off Grid Solar System,  
1000W Solar Power Generation System



### More Images



## Complete set 10000w hybrid off grid 2kw 5kw 10kw 20kw solar energy system 10 kw solar power systems

### Product Description:

#### Off Grid Solar Power System

It does not rely on the grid of the network solar photovoltaic power generation system to operate independently. It is generally used in remote mountainous areas, power areas, islands, communication base stations and street lights. The system is generally composed of solar panels, solar controllers, inverters, batteries, loads, etc. With a sunshine of the network power generation system, the solar energy is converted to electrical energy, and the load supply is powered by the solar control inverter all -in-one, and the battery is charged. When the sunshine is not illuminated, the battery is powered by the battery through the inverter

#### Features:

**High Energy Output:** A 10KW solar power system can generate a significant amount of electricity, making it suitable for larger homes or commercial applications with higher energy demands.

**Cost Savings:** By producing your own electricity from the sun, you can reduce or eliminate your dependency on the grid, leading to significant cost savings on your electricity bills over time.

**Environmental Benefits:** Solar power is a clean and renewable energy source that helps reduce greenhouse gas emissions and dependence on fossil fuels, contributing to a cleaner and more sustainable future.

**Long-Term Investment:** Investing in a solar power system is a long-term investment that can provide financial returns over its lifespan. With proper maintenance, solar panels can last for 25 years or more, providing a reliable source of energy for decades.

**Energy Independence:** Generating your own electricity through solar power gives you greater control and independence over your energy supply. This is particularly beneficial during power outages or when the grid is unreliable.

**Government Incentives:** Depending on your location, there may be government incentives, such as tax credits or rebates, available for installing solar power systems. These incentives can offset the initial investment cost and provide additional financial benefits.

**Minimal Maintenance:** Solar power systems require minimal maintenance, primarily consisting of periodic cleaning to ensure optimal energy generation. This reduces ongoing maintenance costs and effort.

**Scalability:** A 10KW solar power system can be designed to accommodate future energy needs by adding more panels or expanding the system capacity.

**Durability:** Solar panels are designed to withstand various weather conditions, including rain, hail, and snow. They are durable and built to last, making them a reliable long-term energy solution.

**Increase in Property Value:** Installing a solar power system can increase the value of your property. Potential buyers often consider solar power systems as an attractive feature due to the cost savings and environmental benefits they provide.

#### Technical Parameters:

Parameter	Details
Warranty	10 Years
Size	Customized
Waterproof Level	IP65
Type	Solar Power System
Solar Panel	Monocrystalline
Inverter	Pure Sine Wave
Voltage	12V/24V
Display	LCD Display
Battery	Lithium Battery
Application	Home/ Commercial/ Industrial
Keywords	Solar Electrical System, Solar Power Generation System, Solar Electrical System Design, Solar Electrical System Installation

## Applications:

### Solar Power System

#### Yahua Lighting YHZ-SPS

The Yahua Lighting YHZ-SPS Solar Power System is a high-performance solar photovoltaic electricity system, and is made in Guangdong, China. With an IP65 waterproof level, it is suitable for all weather conditions. It has a power of 1000W and is equipped with a pure sine wave inverter and monocrystalline solar panel, allowing it to be customized to the size of any roof. This system is a great way to transition to clean, renewable energy and to reduce your carbon footprint.

### Customization:

#### Solar Power System

Yahua Lighting YHZ-SPS Solar Power Generation System is the perfect choice for your power needs. It has a power output of 1000W and comes in 12V or 24V voltage. The built-in MPPT controller ensures maximum efficiency, while the lithium battery ensures long-term use. This system is also waterproof with an IP65 level of protection. Get your own Solar Photovoltaic Power System today!

## Support and Services:

### Solar Power System Technical Support and Services

We offer a range of technical support and services for our Solar Power System products.

#### Installation and Configuration

Our experienced technical team can help you with the installation and configuration of your Solar Power System.

#### Maintenance and Repairs

We provide regular maintenance and repair services for all of our Solar Power System products.

#### Online Support

We offer 24/7 online support for our Solar Power System products. Our team of experts are available to help you with any technical queries you may have.

#### Warranty

Our Solar Power System products come with a two-year limited warranty to cover any defects or malfunctions.

## Packing and Shipping:

### Packaging and Shipping

Solar Power System should be packaged in cardboard boxes with bubble wrap to protect the individual components and the unit as a whole during shipping. The boxes should be clearly labeled with the unit's model number and serial number. Care should be taken to ensure that the boxes are properly sealed and that shipping labels are correctly affixed.

Solar Power System should be shipped via a reputable courier. Insurance should be taken out on each package, and tracking numbers should be provided to the customer for their reference.

## FAQ:

### Frequently Asked Questions

#### Q: What is the brand name of this product?

A: The brand name of this product is Yahua Lighting.

#### Q: What is the model number of this product?

A: The model number of this product is YHZ-SPS.

#### Q: Where is this product manufactured?

A: This product is manufactured in Guangdong, China.

#### Q: What is a solar power system?

A: A solar power system is a system that uses solar panels to convert sunlight into electricity that can be used to power appliances and lighting.

#### Q: How does a solar power system work?

A: A solar power system works by converting sunlight into direct current (DC) energy using photovoltaic (PV) solar cells. This DC energy is then converted to alternating current (AC) energy using an inverter, which is then used to power the appliances.



**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