



## 100W Solar LED Street Light ABS Shell With 360 SMD 2835 LEDs And Long-Lasting Battery

### Our Product Introduction

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

#### 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

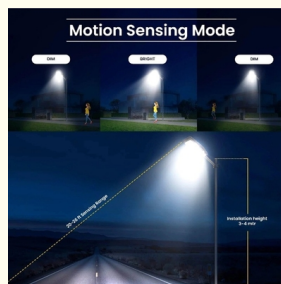
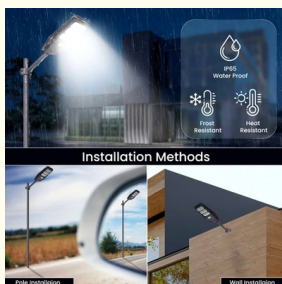


#### Product Specification

- Power: 100w/200w/300w
- Material: ABS
- Duration Of Light: 5 Days
- LED Qty(pcs): 360-600
- Battery Capacity(MAH): 12000-24000mAh
- Lens Material: Polycarbonate
- Customized Service: Available
- Shipping Time: 3-10 Days
- Certification: CE, UL, Etc.
- Warranty: 3 Years
- Highlight: SMD 2835 Solar LED Street Light,  
100W Solar LED Street Light,  
ABS Shell Ip65 Solar Street Light



#### More Images



## Product Description

### Products Description

Presenting our 100W Solar LED Street Light, offering sustained illumination without the weight of electricity costs. This wireless outdoor solar light is waterproof and incorporates a 10W/4V Polycrystalline solar panel, enabling efficient 19% charging and boasting a 25-year lifespan. Equipped with charge controllers to protect the LifePO4 12AH high-capacity battery, this light ensures exceptional durability. With a heavy-duty ABS+PC body and IP65 Waterproof certification, it guarantees reliability in diverse outdoor settings.

### Features:

1. High-Efficiency Solar Panel: The 100W Solar LED Street Light is equipped with a 4V/10W highly efficient poly-crystalline solar panel, featuring a large size and high photoelectric conversion efficiency. It fully charges in 6-8 hours and provides 1-5 days of continuous working time.
2. Powerful Illumination: With 360 SMD 2835 LEDs delivering 100W and 15000 high lumens, this light ensures continuous and highly bright lighting for 1-5 days, dependent on the chosen mode. The automatic sensor switch activates the light at night and turns it off in the morning, providing an economical and innovative outdoor solar lighting solution.
3. Long-lasting Battery: The integrated 12AH/3.6V LiFePO4 battery, paired with a high-efficiency polysilicon solar panel, can be fully charged in 6-8 hours even on cloudy days. It can provide 2-5 days of lighting, depending on the chosen mode. The remote-controlled light offers durable battery life, making it ideal for home use.
4. Customized Lighting Modes: This 100W Solar LED Street Light supports both continuous and sensor lighting, fully customizable for various scenarios. It allows brightness adjustments, offering options for continuous lighting or motion sensor lighting, providing 1-5 days of backup power depending on the mode chosen.
5. Easy Installation and Versatility: The solar street light is designed for easy self-installation and can be mounted on walls or poles using the included screws. It is suitable for a variety of outdoor areas, offering wireless operation and serving as an ideal lighting solution for home outdoor pathways and gardens. Simply turn on the switch before installation or charging.

### Technical Specifications

Solar panel	Polycrystalline 4V.10W
Power	100W
Battery	3.6V 15AH LifePo4 Battery
LED Chip	360 SMD 2835
Sensor Type	Microwave Radar Sensor
Charging time	6 – 8 hours
Working Hours	2 to 5 Days (Depends on Modes)
Lighting Mode	Dusk to Dawn Continuous (Cool white)
Illumination Area	100 Sqm
Waterproof	IP65 Waterproof Design
Material	ABS + PC
Package Dimension	LxWxH 27 x 7 x 53 Cm



### The Reason Why The Outer Shell Of Solar Street Lights Is Made Of ABS Material:


The utilization of ABS (acrylonitrile butadiene styrene copolymer) material for solar street light housing is supported by several factors. Firstly, ABS offers exceptional weather and heat resistance, enabling it to withstand extreme outdoor temperatures and weather fluctuations, making it an ideal material for our 100W Solar LED Street Light. Secondly, ABS exhibits superior impact resistance and durability, capable of withstanding physical impact without easy damage, thereby extending the service life of solar streetlights. Moreover, ABS material possesses favorable processability, plasticity, and surface smoothness, making it suitable for intricate shape designs, crucial in the manufacturing process of solar street light casings. Considering these aspects, ABS material emerges as an optimal choice, ensuring durability and aesthetic design for the solar street light housing.

## OUR CUSTOMER



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

 +86 2981028690

 [summer@sxyhzm.com](mailto:summer@sxyhzm.com)

 [solarledstreet-light.com](http://solarledstreet-light.com)

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