



## High Lumen Waterproof IP66 Die Casting All In One LED Street Light 5 Years Warranty

### 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
- Certification: CE RHos
- Model Number: YHZ-SSL-100W
- Minimum Order Quantity: 1 SET
- Price: USD5-9
- Packaging Details: 1pc/ctn
- Delivery Time: 5-8 work days
- Payment Terms: L/C, D/A, D/P, T/T
- Supply Ability: 50000



#### Product Specification

- Power: 60W 80W 100W
- Battery: 12.8V
- Mono Solar Panel: 80W 100w 120W
- Charing Time: 6-8 Hours
- Luminous Efficiency: 150-160Lm/W
- Color Temperature: 5000k-6000k
- CRI: >70
- Beam Angle: 140°70°
- Lifespan: 50000hours
- Working Temperature: -25~80°
- IP Grade: IP66
- Highlight: High Lumen Waterproof Solar Street Lamp, Waterproof IP66 LED Street Light, Solar LED Street Light 160Lm/W



#### More Images



#### Product Description

## High Lumen Waterproof IP66 Die-Casting All In One LED Street Light 5 Years Warranty



Introducing our Solar Street Lights Dusk to Dawn - the ultimate solution for energy-efficient outdoor lighting. Featuring four distinct lighting options, our Solar Street Lights offer versatile functionality to suit different needs. The Dusk to Dawn mode ensures automatic lighting activation at dusk and deactivation at dawn, ensuring seamless operation without manual intervention. For enhanced security and convenience, our lights also provide Motion Detection mode. This setting detects movement in the vicinity and activates the lights accordingly, preserving energy while providing immediate illumination when needed. Additionally, our lights offer Timing mode, allowing you to set specific operating hours based on your requirements. Combining the benefits of our light sensor, motion sensor, and timing features, our Solar Street Lights offer an advanced [Light sensor + Motion sensor + Timing] mode. This intelligent mode optimizes the lighting operation by activating the lights based on both ambient light levels and detected motion, resulting in optimal energy savings without compromising safety.

### Specifications

Power: 60W 80W 100W  
 CRI: >70  
 Lifespan: 50000 hours+  
 Luminous efficiency: 150-160LM/W  
 IP grade: IP66  
 Shell color: Black  
 Working temperature: -25°C-60°C  
 Color temperature: 5000-6000K  
 Charging time: 6-8 hours  
 Warranty: 3-5 years

Power	60W	80W	100W
Battery	LiFePO4 12.8V 32AH	LiFePO4 12.8V 40AH	LiFePO4 12.8V 48AH
Mono solar panel	18V 80W	18V 100W	18V 120W
Charging time	6-8 hours		
Luminous efficiency	150-160LM/W		

Luminous flux	8400-9600LM	11200-12800LM	15000-16000LM
Color temperature	5000-6000K		
Working temperature	-25°C-80°C		
CRI	>70		
Beam angle	140°70°		
Lifespan	50000 hours+		
LED type (Qty)	Lumileds 5050 (150 PCS)	Lumileds 5050 (200PCS)	Lumileds 5050 (250PCS)
Installation height	6-7M	7-8M	8-10M
IP Grade	IP65-IP66		

### Features:

1. Efficient Energy Conversion: Our Smart City LED Lighting boasts an impressive electric conversion rate of up to 20-22%. This ensures optimal utilization of electricity and helps minimize energy wastage. Additionally, the system is equipped with faster charging capabilities, allowing for quicker replenishment, even on rainy days.
2. Automatic Illumination: With its intelligent design, the [solar street lighting system](#) has the ability to light up automatically. This feature eliminates the need for manual intervention and ensures that energy is only consumed when necessary, resulting in significant power savings.
3. Integrated Design: The [solar LED street lighting](#) features an integrated design, with a die-cast aluminum housing. This not only enhances the overall durability and lifespan of the product but also provides a sleek and seamless appearance. The integration of various components ensures optimal performance and reliable operation in various environmental conditions.

### Functions Of Smart City LED Lighting:

1. Time Control: Time control allows the solar street light to be programmed to turn on and off based on preset time settings. By setting specific time periods, users can control when the solar street light automatically turns on or off. This feature ensures lighting is provided during specific required hours while conserving energy.
  2. Light Control: Light control enables the solar street light to automatically adjust the illumination based on the surrounding ambient light levels. By using a light sensor, the solar street light can detect the brightness in the environment and adjust the brightness accordingly. This allows the light to automatically turn on when it gets dark and turn off when it becomes daylight, providing a smarter and more energy-efficient lighting solution.
  3. Radar Sensing: Radar sensing utilizes radar technology to detect motion in the vicinity of the solar street light. When a person or vehicle enters the sensing range of the solar street light, the radar sensing feature automatically increases the brightness to provide enhanced illumination. Once no motion is detected, the light will automatically reduce its brightness or turn off to conserve energy. Radar sensing enhances safety and convenience by ensuring appropriate illumination on the road only when needed during nighttime.
- By combining these features, our Smart City LED Lighting can achieve more flexible, intelligent, and energy-efficient lighting control based on time, ambient light levels, and motion detection in different scenarios.

### Our Service

OEM & ODM Service  
Brand, Logo, Color, Product Manual, Packaging etc....







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- **15+ Years** B2B & B2C Service Experience
- **UPC Code Free Printing & Make Label**  
Free HD Photos etc....

### Our Company





Shaanxi Yahua Lighting Electric Equipment Co., Ltd. was established in 2001. Our company specializes in the development, manufacturing, sales, and installation of LED lighting products. Our main products include Solar LED Street lights, Solar Power Systems, LED High bay lights, LED Flood Lights, LED High Mast lights, and OEM various LED Lights.

Quality is the soul of an enterprise. Our products have passed ISO9001, CE, ROHS, IP65, and CQC Certificates. Meanwhile, we accept the SGS, etc. third-party inspection.

Our LED lights are mainly exported to the USA, Africa, Europe, the Middle East, the Philippines, Australia Etc. Countries. Yahua lighting adopts a top-quality import-brand LED chip and Meanwell driver. These better make sure our good quality and long-life lights.

In the past 20 years, our company constructed many national large-scale highway road lighting and urban street LED lighting projects. Yahua lighting has set up a professional team of senior engineers and designers and would like to provide our customers with high-standard LED Lighting solutions and good service. Improve Lighting Quality, Leading City Lighting Direction.



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