



Shaanxi Yahua Lighting Electric Equipment Co., Ltd.

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160LM/W Solar Powered LED Street Light MPPT Controller LiFePO4 Battery

Basic Information

- Place of Origin: Guangdong China
- Brand Name: Yahua Solar Street lighting
- Certification: EMC, RoHS, CE, FCC, LVD
- Packaging Details: Anti-collision and shatterproof packaging
- Delivery Time: 5-8 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 pcs/month



Product Specification

- Material: Aluminum Alloy
- IP Rating: IP65 Waterproof
- CRI: Ra>80
- Color Temperature: 3000K-6500K
- Panel: Mono Solar Panel
- Working Temperature: -40°C-60°C
- Lighting Mode: Remote Control+Light Control+Radar Sensor
- Highlight: **MPPT Controller Solar LED Street Light, 160LM/W Solar Powered LED Street Light, 6500K Solar Powered LED Street Lamp**



More Images



Our Product Introduction

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Product Description

1. Integrated design with high-capacity LiFePO4 lithium battery, providing high energy and long life. The lights are lightweight, environmentally friendly, and do not produce harmful substances.
2. Utilizes imported LED chips with high light efficiency, achieving up to 180LM/W. The overall light efficiency of the lamp can reach at least 160LM/W.
3. All series are equipped with MPPT/PWM controllers, increasing charge efficiency by 15%-30%.
4. Designed with high-efficiency solar cells (>22%) to maximize energy conversion.
5. Offers convenient installation and maintenance, eliminating the need for cable installation or special light poles. The modular design of functional components allows for quick and easy replacement during maintenance.

Product Parameters

Power	100W	200W	300W
Solar panel	Monocrystalline silicon 6V 60W	Monocrystalline silicon 6V 80W	Monocrystalline silicon 6V 100W
Solar panel size	860*355mm	1080*355mm	1380*355mm
Lamp size	920*400*54mm	1140*400*54mm	1440*400*54mm
LED	smd3030 60pcs	smd3030 90pcs	smd3030 120pcs
Battery	3.2V 60000MAH	3.2V 80000MAH	3.2V 140000MAH
Luminous Efficiency	160LM/W		
CRI (Ra>)	70		
CCT	3000K/4000K/6500K		
Installation height	5-7M	6-8M	7-10M
Installation distance	20M-30M	25M-35M	30M-45M
Working Temperature	-20 °C-60°C		
Material	Die-cast aluminum housing		
IP Rating	IP65		
Charging time	5-7H		
Working time	24 - 30H		
Working mode	Light control + switch button (regular model without radar)		



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