

Solar Powered LED Street Lights

The Solar Powered LED Street Lights is an intelligent outdoor lighting system that provides powerful lighting into an all-in-one compact package and is easy to install. During the day the highly efficient solar panel collects energy from the sun and stores that power in the advanced lithium battery. At night the powerful LED's automatically turn on providing ambient light for all to enjoy.



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Advantages of Solar Powered LED Street Lights:

1. Wireless Application

Integrated solar panel, LED, lithium battery, micro-controller and other accessories into one system, simple and stylish.

2. Micro-Computer Controlled

Combine light control system and time control system perfectly, ensure whole system more energy-efficient.

3. Easy Installation

No power required, no cables required, easy installation in 5 minutes.

4. Good Heat Dissipation

The shell is aluminum with scientific cooling hole, and also built-in aluminum block on the

back of the light source to support good heat dissipation .

5.Extreme light

Light efficiency reach 195 lm/w, at same watt, more Bright, lighting area is expanded and more uniformity

6.Lithium battery

Adopt LiFePO4 lithium battery to replace MnNiCo lithium battery, more than 8 years lifespan,longer lifetime.

7.Modular design

All components are modular design and in standardized production. Battery can be easily replaced if needed.

8.Low cost

Compared with traditional solar LED lights, much lower cost, easy to transport.

Specifications of Solar Powered LED Street Lights:

Illumination Time	12h
Cell Type	Lithium Battery
Usage	Garden, Street, Park Square
Voltage	12/24V
Solar Panel	Mono 30W
Solar Watt	30W
Working Time	4h or 6h or 12h
Working Watt	20 to 60W
Packing	565*400*200mm
Lamp Material	Aluminum
Mounting Height	4-6m
LED Chips Qty	60 LED Chips
Pole Upper Dia	40-60mm
Working Mode	4h 6h 8h 10h Full Night
Lumens	150-160lm/W
Net Weight	6.8kg



Logistics transportation

Frequently Asked Questions about Solar Powered LED Street Lights:

Q1.How many cycles full charge&discharge about your battery?

A1.In 50% discharging deepness, it can be cycled for 1,200 times; in floating charging and discharging status, it can be cycled for 5000~6000 times.

Q2.How to Choose the System Voltage 12V or 24V or for normal street Light ?

A2.We can design the System for 12v or 24v for solar street Light or 220-380V for normal street light.

Q3.What's the main difference between mono and polycrystalline solar panel?

A3.Production process and cost. Polysilicon technology is more mature since it is an early technology compared with Monosilicon.

Q4.How about your quality?

A4.We use top quality material to make sure stable quality and enough brightness, we supply high cost performance Solar Powered LED Street Lights. Every product passed aging test well then delivery to every client.

Q5.How long the warranty?

A5.We supply 2-5 years warranty. Once you find quality problem from our company during warranty period, please supply us pictures or video to confirm, if it's our quality problem, we will send you replacement, don't undertake shipping cost.

Why choose us:

- 1.Our Outdoor LED Street Light fixture made by our own die casting factory,We make most of the lights parts such as reflector, stand by ourself;
- 2.we have latest high-tech equipment, we have strong after sale service team best service for you;
- 3.We accept mix order at any color with sample and batch for your many choose for you get winner client and market.

Solar Powered Energy LED Street Lighting is a new energy-saving product that utilizes led's as light source, it can be directly connected with a 85-264VAC power supply and can also be powered with the optional solar panel kit. There is no ultraviolet light, no infrared rays radiation . As a result, our All in One LED Solar Street Lighting is a conventional "green" lighting source. The lamp casing is made of die-casting aluminum-alloy covered with fluorocarbon powder that is sprayed in electrostatic sprayed. The LED Solar Powered Street Light is highly lucent, dust-proof, and waterproof. Our lights are safe, reliable, energy efficiency and have long lifespan of 50,000 hours.

Please feel free contact us anytime,it's our honor to service for you. We are together.