

200W ECO programmable Solar LED Street Light 2607Lm

Product codes:

Reference: JD74540

Product features:

Power (W): 100
Color temperature CCT: 6000K
LED: SMD5730
LED chip brand: SAN'AN
Brightness (Lm): 2607
CRI: +75
IP: IP65
IK: IK08
Luminous angle: 120°
Material: Steel
Operating temperature: -20°C ~ +55°C
Energy efficiency 2021: A+
Lifespan: 40.000h
Certification: CE - RoHS
Warranty: 3 años



Product attributes:

Color temperature CCT (°K): Cool white 6000K

Product description:

Solar LED Street Light 100W Programmable 2607Lm The **solar LED street light** 100W is a powerful and efficient lighting solution, with a luminous flux of 2607 lumens. Equipped with high-brightness SANAN SMD5730 chips, it is available in cool white 6000K. Ideal for illuminating streets, parks, and outdoor areas with a renewable energy system.

This **solar LED street light** is perfect for those seeking powerful and sustainable outdoor lighting. With a luminous flux of 2607 lumens and a cool white color temperature of 6000K, this street light guarantees clear and efficient lighting. Equipped with high-brightness SANAN SMD5730 chips, it offers excellent luminous efficiency.

The street light includes an independent polycrystalline solar panel of 35W, with dimensions of 36x57cm, which can be oriented as needed to maximize solar incidence and ensure optimal charging. It includes a LiFePO4 battery of 16500mAh, with an average life of 1500 charge cycles. The charging time is approximately 6 hours in full sun, offering an autonomy of 2 nights even on rainy days.

Made of black lacquered aluminum, this street light includes a bracket for wall or pole mounting. Additionally, it comes with a remote control that allows programming the solar LED street light, offering 4 operating modes:

- Automatic night lighting and sunrise shutdown.

- Total shutdown with automatic lighting for 3-5-8 hours.
- Permanent operation at 50%.
- Permanent operation at 100%.

Technical Specifications

- **Power:** 100W
- **Luminous Flux:** 2607 lumens
- **Color Temperature:** 6000K (cool white)
- **LED Chip:** SANAN SMD5730 high brightness
- **Solar Panel:** Polycrystalline 35W (36x57cm)
- **Battery:** LiFePO4 16500mAh
- **Charging Time:** Approx 6 hours in full sun
- **Autonomy:** 2 nights even on rainy days
- **Material:** Black lacquered aluminum
- **Mounting:** Includes bracket for wall or pole
- **Remote Control:** Included, allows controlling programming and operating modes
- **Operating Modes:** 4 adjustable modes

What is a Solar LED Street Light?

A **solar LED street light** is a lighting device that uses solar energy to charge its battery and power its LED lights. It consists of a solar panel that captures energy from the sun during the day and converts it into electricity to recharge the internal battery. At dusk, the LED street light uses the stored energy to provide efficient and eco-friendly lighting.

Solar LED street lights are ideal for outdoor areas where lighting is needed, such as streets, parks, gardens, and patios. They are easy to install, do not require connection to the electrical grid, and do not emit carbon emissions, making them a sustainable and economical option.

Uses and Applications

- **Street Lighting:** Perfect for illuminating public roads and ensuring nighttime safety.
- **Park Lighting:** Ideal for keeping recreational and leisure areas illuminated.
- **Garden Lighting:** Offers clear and powerful light to highlight landscaped and decorative areas.
- **Patio Lighting:** Provides adequate lighting for enjoying outdoor evenings.
- **Path Lighting:** Perfect for illuminating pathways and ensuring safe navigation.

Product gallery:



Prelo CRYSTALINE Solar Module
Model: PM 100W
Manufacturer: Premiumled S.L.
Manufacturer: Premiumled S.L.
Manufacturer: Premiumled S.L.
Manufacturer: Premiumled S.L.
TEST CONDITION: AM1.5 GLOBAL 25°C
CE RoHS

