

LED Streetlight SOLAR 100W SUNWAY + Height-adjustable portable pole with wheels



Product code:

Reference: FA-ILU10-POLE

Technical specifications:

REFERENCE: FA-ILU10-POLE
Rated Power : 100W Chip
Colour: 3000K
CRI - Chromatic Rendiment Index: 80
Construction Material: Aluminum + PC + ABS + Galvanized Steel
Luminosity-Lm: 2700 Lm
Number & Type of LEDs: SMD 3030
Beam Angle (°): 360°
Luminous diodo LED (Lm/W): 190Lm/W
Dimmable: YES
Certifications: CE - ROHS
IP : IP65-Outdoor
Diode Life Expectancy (H): 50.000
Dimensions (mm): 433xH156
Temperature Range (°C): -10° +60°
Other Information: Solar Panel: Monocrystalline Class: A 16.2V
Material of the Battery: LiFePO4 - Litio-Ferrofosfato -LPF 3.2V 38AH
Download Time: 48h.
Energy Rating (2021-UE-2019/2015): A++
Warranty Years: BYD Battery 3 Years - LED 5 Years
Time-Delay: 48h

Product short description:

Take the **Solar Street Light -SUNWAY-LED** anywhere, thanks to its wheels it makes it a mobile element and you can place it wherever you want. **NO INSTALLATION.** Adjustable in height **from 2 meters to 3.30 meters.** The streetlight came pre-programmed to maximize the use of the Lithium BYD battery with MPPT technology that charges even on cloudy days. Monocrystalline Solar Panel. **AUTOMATIC PROGRAMMING. Staff made of galvanized steel.**

Product description:

100W Portable Solar LED Street Light SUNWAY + Height adjustable support with wheels

The SUNWAY SOLAR LED streetlight stands out for the double use they have, you advertise during the day thanks to its double-sided BLACKBOARD while charging and at night they will have your terrace very well lit, achieving excellent comfort for your customers. Thanks to its WHEELS, you can easily move it around, and ADJUST ITS HEIGHT every 25 cm, from 2 meters to 3.30 meters.

The support bracket of the solar LED street light is made of GALVANIZED STEEL to prevent oxidation and to withstand the blows of daily traffic without damaging the product.

Our Solar streetlight -SUNWAY- has an MPPT management regulation system "Maximum Power Point Tracker", which is the most efficient battery control system, both for its protection, extending its useful life, and by the most efficient performance system to obtain more lumens from the luminaire, which achieves the maximum useful life and maximizes the performance of the battery.

The solar panel of the solar street light is monocrystalline, which is the most efficient on the market, reaching 20% uptake, compared to 15% for polycrystalline ones. The MPPT regulator is capable of separating the operating voltage of the solar panel from the voltage of the battery. This allows you to place the voltage of the solar panels at the optimum point to obtain the maximum power at each moment of use of the solar luminaire, charging even on cloudy days.

The professional solar street light has a high capacity battery from the manufacturer BYD.

Also benefit from the advantages of this S Professional Street Light, since some of its advantages are that thanks to its advanced LED technology you will achieve a great light output.

- Savings in maintenance costs.
- Ideal to replace the old streetlights.
- It has IP65 protection for outdoor use.
- You do not need an external power supply.
- Does not require wiring installation.
- Automatically turns on at nightfall.
- It uses clean and renewable energy thanks to the fact that this panel captures the heat produced by the sun during the day, converting it into energy, thus charging its battery, and at night the led module is turned on using the stored energy.
- Its installation is very simple.

Once installed, you just have to wait for the sun to charge its batteries and at night it will turn on automatically, in order to offer you the light you need in the place where you have

Technical Datasheet

installed it.

Functioning

The streetlight is programmed for optimal operation for 7 hours. It has 4 stages of automatic operation, which start when night falls:

- 1) First stage: for 1.5 hours: the light will turn on smoothly up to 100%.
- 2) Second stage: for 1.5 hours, the light will turn on smoothly up to 70%.
- 3) Third stage: for 1.5 hours, the light will turn on smoothly up to 50%.
- 4) Fourth stage: rest of the time it will light up smoothly up to 30% to extend the life of the lithium battery.

Although the streetlight comes pre-programmed, this programming will be modified if the controller understands that the battery level is low. In other words, the controller will help extend the battery life by protecting it against usage at very low levels.

Applications of the 100W Portable Solar LED Street Light SUNWAY + Height adjustable support with wheels:

- Gardens
- Public parks
- Terraces
- Restaurants
- Events
- Streets
- Plazas...

In our online store we ensure that our products have a QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESale, including the technical sheet of each LED product.

Additional images:

