



# Copenhagen lithium battery street light technical specifications

What is a solar street light?

All-in-one Solar street light range up-to 12000 Lumen. Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Independently tilt-able LED source and pole mounting bracket allows light beam to focus on road, and solar panel towards the sun.

Are solar LED street light fixtures copyright 2021?

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What is a long-life LED streetlight?

High efficiency, long-life LEDs use special lenses providing better optics and street lighting distribution. Available in different wattages, these streetlights are perfectly suited for a variety of applications. Innovative MPPT technology ensures maximum performance and yield from solar system.

How long does a streetlight last?

The streetlight usually operates at 100% intensity and dims to 30% when no movement is detected. Time schedule model operates on 100% intensity for first 3 hours, 65% intensity for next 2 hours and for rest of the time at 30% intensity. High efficiency, long-life LEDs use special lenses providing better optics and street lighting distribution.

What is a 50W solar street light?

The 50w solar street light uses an innovative patented "All-In-One" system that integrates an efficient solar panel, compact Lithium-ion (LiFeP04) battery and a smart power management system in a compact easy to install a light fixture.

What is the ibb-g02 50W solar street light?

The INB-G02 50W solar street light is a series of motion detection security feature that automatically regulates the LED output from full brightness to a lower level depending upon the detection of movement around the light.

New generation Integrated solar street lights with integrated solar panel, Lithium-ion phosphate battery & high efficiency, high power LEDs with secondary optics offering precise distribution and control. The Aluminium body acts as an excellent heat sink for better luminaire and LED life, Optional PIR motion detectors adds to extended battery life during non-peak hours of operation.

Rechargeable lithium-ion battery: 3.7 V / 2500 mAh ; Dimming levels: Low, Medium, High; Battery life: 6 - 8 hours, depending on intensity; Charging time: 3.5 hours; Colour temperature (K): 2,700 - 4000 - 6,000 kelvin



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(can change ...)

Solar Panel & Battery Specifications Model EnviroLight-SX-100W EnviroLight-SX-200W Solar Panel Type Polycrystalline Polycrystalline Solar Panel Voltage 18V 18V Solar Panel Wattage 18W 50W Battery Type Lithium Lithium Battery Voltage 12.8V 12.8V Battery Capacity 15 ahr 30 ahr Battery Lifetime 5 years 5 Years Description

Solar Panel & Battery Specifications Model EnviroLight-SX-100W EnviroLight-SX-200W Solar Panel Type Polycrystalline Polycrystalline Solar Panel Voltage 18V 18V Solar Panel Wattage ...

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and MPPT charge controller built into the luminaire. Pressure die cast aluminium for sturdiness and long life. ...

Solar LED Street Light Fixtures Specification and Data Sheet Product Features Housing Aluminum Housing Efficacy 100-110 lm/W LED Lamp/Module Philips LED Modules Solar ...

All-in-one Solar street light range up-to 12000 Lumen. Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Independently tilt ...

50W Solar Street Light Specifications: Lamp Power: 50W; Solar Panel: 80W/18V (Rotatable for maximum sun exposure) Battery: Lithium 341.9 WH; LED Chip: SMD3535; Luminous flux: 6500-7500 LM; Luminous Efficiency: 130 - 150 ...

These batteries provide between 500 cycles at a 50% DOD to 1,200 cycles at a 30% DOD. AGM and Gel batteries are the most commonly used Lead-Acid batteries for solar street lights. Lithium-Ion. Lithium-Ion (Li-Ion) batteries are among the most popular batteries for solar street lights, but also the most expensive ones. They use a lithium metal ...

All-in-one Solar street light range up-to 12000 Lumen. Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Independently tilt-able LED source and pole mounting bracket allows light beam to focus on road, and solar panel towards the sun.

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Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Independently tilt-able LED source and pole mounting bracket allows light ...



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TECHNICAL SPECIFICATIONS FOR SOLAR PHOTOVOLTAIC LIGHTING SYSTEMS & POWER PACKS (Off-grid Solar Applications Scheme 2016-17) NiMH / Lithium-Ion / Lithium-Ferro Phosphate of requisite capacity. (ii) Battery should conform to the latest BIS/ International standards. Model-IA (i) Lithium-Ferro Phosphate of 3X 3.2V, 1450mAh (or requisite capacity).

Solar LED Street Light Fixtures Specification and Data Sheet Product Features Housing Aluminum Housing Efficacy 100-110 lm/W LED Lamp/Module Philips LED Modules Solar Panel Power High Efficiency Silicon Solar Cell Battery Type Lithium Battery Mounting Options 2 5/8" Pole Mount Charging Time: 6-10 Hours Discharge Time: 12 Hours Full Power, >20 hours ...

Street lights are no longer dull, commodity fixtures emitting yellow light. Innovations in lighting technology, systems and controls now mean that street lights are much ...

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and MPPT charge controller built into the luminaire. Pressure die cast aluminium for sturdiness and long life. Specially designed pole mounting bracket allows different ...

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