

Solar LED Lighting System

Powered by solar energy using solar cells that connect solar power directly to electricity, which in turn is stored in batteries and used whenever required. Most useful in non powered area's & emergency lighting etc.

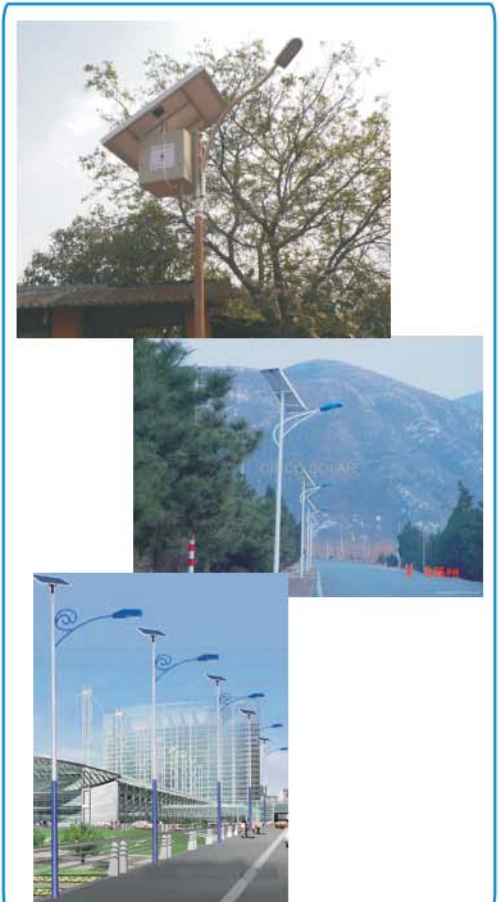


Features:

- + High reliability with solid state lighting.
- + Instant 'ON' with auto dusk-dawn control.
- + Use of secondary optics and high bright.
- + Reduced maintenance / service cost high.
- + Increased system efficacy.
- + LEDs result is uniform light distribution.
- + 3 Day atonomy.

SPECIFICATIONS

Parameters	Model: Solar Streetlight
Electrical	
Type of SPV Module	Crystalline silicon cell
System Module Voltage	12V
Input dc volts to inverter	12V
Total Fixture Consumption	8W
Protections	Low battery thermal cut off
Mechanical	
Dimensions	-
Weight	10.1 Kg Approximate
Housing Material	Aluminium
Surface Finish	Silver Gray Powder Coating / PU Paint
Optical	
CRI	75 Typical
Efficacy	87 lm/w
Colour Temp.	6000K Typ
Battery	
Type of battery	Maintenance Free Lead Acid
Battery Volts	12V
Capacity of the battery	45AH
Environmental	
Operating Temperature	0 to 50° C
IP Rating	IP 66
General	
Operation Sensor	Continuous built in auto dusk to dawn
Rated Life	70% Lumen Maintenance after 50,000 hrs. Typ.
Solar Panel	1 x 40 W P



• Care has been taken to ensure that the information given in the catalogue is correct. Innovation and improvement, however, means changes from time to time.

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