

Solar ...Forever

Clean energy. Free for a lifetime.

Solar Street Light (LED) MNES Approved

Major Advantages

Special optics designed to give uniform illumination. High powered LED's imported from LUMILEDS/AGILENT/CREE/LPM technology (Patent applied) for enhancing LED life & increased protection. Vented, acid proof, corrosion resistant metallic battery housing.

Technical Specifications

DESCRIPTIONS	Model 01 : 6W LED-SL(As per MNES)		Model 02 : 120 LED-SL		Model 03 : 240 LED-SL	
	Parameters	lux	Parameters	lux	Parameters	lux
Coverage Area (From 12 ft height)	Diameter-8ft	7.4 lux	Diameter-22ft	3 lux	Diameter-30ft	5 lux
	Peak lux @ centre	8.1 lux	Peak lux @ centre	8 lux	Peak lux @ centre	18 lux
			lux at 1 m	175 lux	lux at 1 m	272 lux
Solar Panel	Minimum 18W/12V		Minimum 32W/12V		Minimum 60W/12V	
Battery	12V/18 AH		12V/32 AH		12V/60 AH	
Wattage	6W		12W		24W	
Efficiency	82%		82%		82%	
Autonomy	3 days 10 hrs per day		3 days 10 hrs per day		3 days 10 hrs per day	
Operation	Dusk to Dawn		Dusk to Dawn		Dusk to Dawn	
Charger indicator	Green LED		Green LED		Green LED	
Low Battery Indicator	Red LED		Red LED		Red LED	
Charge Controller Idle Current	7.6mA		7.6mA		7.6mA	
Low cut off battery	11.6V		11.6V		11.6V	
Reconnect of battery to load after charging	12.5V		12.5V		12.5V	
Test Report	Solar Energy Center, Govt. of India					

As per MNES specifications



Street Light Controller

SOLAR HOME LIGHT

Major Advantages

Availability of light for about 4 hours everyday.

Cost of lighting: Free other than the initial investment i.e. 1 LED Lamp system / 2 LED Lamp System.

LED Life: 1, 00, 000 hours.

Eliminates burning of fossil fuel products, candles and kerosene lamps, thus protecting the environment. Useful for studying, cooking & other household activities. Portable system for ease of installation.

Solar Home Lighting System is powered by solar energy using solar cells that convert solar power energy (*sunlight*) directly to electricity. The electricity is stored in batteries and used for the purpose of lighting whenever required. These systems are useful in non-electrified areas and as reliable emergency lighting system for important domestic, commercial and industrial applications.

Technical Specifications

Characteristics	Value
Panel	8Watt
Battery	12V/7AH
Bulb -2	33 LED each
Low battery cut	10.5volt
High battery cut	14.5volt
Economy (backup)	4 hours (3 days)
Low Battery Indicator	Red LED
Charging Indicator	Green LED
Minimum voltage at which charging	6 volt
Test Report	Solar Energy Center, Govt. of India

User friendly module designed to install it yourself.



Solar Homelight Control Box With LED Bulbs