



HOME LIGHT

Led based Solar Home Lighting System

Product Description:

SIRIUS Solar LED home lighting system has inbuilt charge controller with microcontroller which enables uniform lighting, dimming, over and under voltage protections. The system is ideal for homes that are not connected to grid power. The system can run up to 3 Lights / 2 Lights 1 Fan (Optional).

Features:

- Highly reliable and user friendly
- It saves over 80% Electricity cost when comparing with incandescent / Sodium Vapor bulbs.
- More than 50,000 Hours of life span , No flickering , No UV Radiation
- Less maintenance costs designed for years after years usage

Specifications:

Light Source	High Quality 1W Power LED Make : Nichia / Cree
Operating Voltage	10.7 – 14.0V DC
Electronics	Inbuilt Charge Controller with Microcontroller based intelligent controller monitors battery charging to avoid under or over charging the battery and distributes power without any loss Total Electronics Efficiency : >80%
Protections	Battery Low Cut off, Re-connection, Over Charge Cut off & Re- connection, reverse flow of power to Solar Module, Short Circuit & Reverse Polarity
Indications	Battery Low – RED Led, Charging - Green LED
Luminous Efficacy	110 - 130 lm / Watt
Colour Temperature	5500 – 7000K
Daily Usage	3 -4 Hrs
Emergency Usage	2 days autonomy for lighting during cloudy weather
Mechanical	Charge Controller : ABS Plastic Body Luminaire : ABS Plastic Body with Polycarbonate / San Hardware : MS with Nickel Coated

Description	Model – 1	Model - 2	Model – 3	Model – 4
Solar Module	12V, 12Wp	12V, 15Wp	12V, 20Wp	12V, 25Wp
Battery	12V, 10Ah	12V, 14Ah	12V, 20Ah	12V, 20Ah
Luminaires	2 x 3W	3 x 3W	2 x 3W	3 x 3W
DC Fan	-	-	12V, 10W	12V, 10W

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