



OORJA SOLAR
GO GREEN - GO SOLAR - GO OORJA



SOLAR HOME LIGHT 2 LED

Price :- 1550/-



G-56, PANKAJ CENTRAL MARKET, I.P.EXTENSION, PATPARGANJ, DELHI-110092 (INDIA)

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KEY FEATURES

- ✓ Safe & easy to install
- ✓ Free from noise, smoke and pollution
- ✓ Available in different configurations
- ✓ Required very little attention
- ✓ Molded cables for easy connection
- ✓ Mobile charging for different types of mobile

S.NO. General

Model	SHS-M102
Application	Solar rural electrification for homes, shops, offices etc
Daily hours of operation	Average 5 hours
Autonomy	1 day
Battery	6V, 4.5 Ah VRLA
Solar PV Module @ 8.4V STC	6V,5 W p
Output	
Load Details	3* 1 W LED Luminary mobile charger
Light Output (Lumens)	100_+ 5%
Electrical	
System Voltage	6V DC
Luminary Driver Efficiency	>88%
Luminary Drive Frequency	1 MHz
System self current consumption	<4mA
Solar Charge controller efficiency	>95%
Battery Depth of Discharge	<75%



Display / Indication

Battery Low disconnect	Red LED glowing
Battery Charging	Green LED glowing

Protections

No load protection	Provided
Short Circuit protection	Provided
Luminary Reverse polarity	Provided
PV Module Reverse polarity	Provided
Reverse current flow to PV Module	Provided
Battery Reverse polarity	Provided
Battery over charging	Provided
Battery deep discharging	Provided

Mechanical

Luminary	injection molded abs plastic, with pc cover
Controller	injection molded abs plastic, Wall Mount

Environment

Operating Temperature	0 to 50° C
Storage Temperature	-10° C to 60° C

Size & weight of complex Box (With Packing)	345 X 240 X 95 mm (L X W X H)
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