



SOLAR LED LANTERN

Product Description:

In India, 40 million homes are without grid. They are using kerosene or other type of fuel lamp. This source of light has several problems like harmful to health, hazardous, unreliable, insufficient light etc. To overcome this, Sirius SSL3W / S3W is the best solution to overcome the above problems. This will be useful in the homes where grid is not available like remote rural, hilly, forests areas and also in urban homes as an emergency light.

The lamp consists of solar panel, SMPS charger, rechargeable maintenance free battery, high efficient Power LED's and Micro controller based electronic circuitry to drive adequate light output constantly and vary the LED light intensity in four ranges Bright light to Bed light.

Key Features:

- *Light intensity is equal to 40W incandescent bulb.*
- *Long life (LED's last long for our life time).*
- *Clean cool white light.*
- *Maintenance free, no power bill of fuel cost.*
- *It gives light for a week if charge fully twice a week.*
- *It has four modes of operation; Bright mode, Study Mode, Emergency Mode and Bed Light Mode.*

Specifications:

Application	Indoor / Outdoor
Solar Module	6V / 2.5Wp
Battery	6V / 4.5 Ah SMF Battery
SMPS	7.4V , 350mA Constant Current Charger
LED Type	High Power 1W LED
LED Make	Nichia / Cree
Lumen Efficacy	110 Lumen / Watt
Colour Temperature	5500K – 7000K
Electronics Efficiency	>80%
Daily Use	Full Intensity : 3 – 4 Hrs Low Intensity : 6 – 8 Hrs
Emergency Use	Full Intensity : 9 – 10 Hrs Low Intensity : 20 – 22 Hrs
Protections	Battery Low Cut off and Re-connection Over Charge Cut off & Re- connection Dusk to Dawn & Battery Reverse
Indications	Battery Low – RED Led, Charging - Green LED
Features	More than 50,000 Hrs of Life time for LED, No flickering, 360° Light, Table Top Maintenance free
System Housing	ABS Body

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