

User Manual

Overview:

This is an Integrated Solar Emergency Home Light with 3 Bulbs. The product comes with 3 Watt Solar Panel and 3 LED bulbs of 2 Watt each. It consists of 6 volts 4000 mAh Lead-acid battery. Each bulb has a separate Switch to ON and OFF the light. This light also acts as a power bank.

Advantages of Solar Home Light:

- Energy Saving: Transforms sunlight into electrical energy. Sunlight is unlimited, clean and alternative energy source.
- The light can be installed from Equator area to Polar Regions. The Working temperature is -20 to 60 deg C.
- Environment Protection: No Pollution, Noise or Radiation.
- Safety: Lower Voltage Power Supply (6 Volts), safe than conventional energy sources. This product is very safe and reliable operation.
- This solar home light has got Lead Acid batteries which is more resistant to corrosion, overcharging, gassing, water usage, and self-discharge.
- Easy Installation, no hanging wires or construction needed. The lamp can light up vast areas and 360-degree angle.
- Unmatched reliability and quality.
- Maintenance Free. This lamp turns ON / OFF Automatically. It does not need and manual intervention. Also there is no other maintenance required other than cleaning solar panel once in a while.
- Eco friendly and high-end usage.
- Elegant and Modern design. Can be used anywhere which gives a very rich look.

Application:

It is widely used in Non-electrified rural areas, as an emergency lighting system in housing and commercial establishments, car parking sheds and huts, resorts and other public areas. It helps create safer environment and this system is a clean source of illumination.

Technical Specification:

- Solar Panel with 3W and a life span of 15 years.
- Lead Acid battery with a voltage of 6V.
- The battery capacity is 4000 mAh with a life span of 5-6 years.
- The working time is 1 night with a charging time of 4 hours.

- LED chip brand is NICHIA which has a wattage of 2W and emits with a maximum power of 2 W/240 Lumens (1W=160 Lumens).
- The lifetime of LED is >50000 Hrs with a viewing angle 360 deg.
- The color of the light is Cool White with a temperature of 5000-6000k.

Pictorial Representation:



Installation Details:

- Solar home Light panel should be installed on open sided land with sufficient sunlight.
- This light can be hanged to a pole.
- Recommended angle of the light is 360 degree for more spread.

Maintenance:

- This product is maintenance free. However, if the product is used in areas where there is lot of dust, the solar panel has to be cleaned once in 6 months to ensure product charges efficiently.
- Install the light at certain angle, so that during raining season panel is cleaned naturally.

Warranty:

- The product covers 1 year warranty from the date of invoice.
- Warranty is not covered for the damage of product due to any misuse/broken parts and natural disaster.

Product Images:

