

User Manual

Overview:

This is an Integrated Solar Emergency Tube Light with 5 Watt Solar Panel 5 Watt NICHIA LED with 400 Lumens. It consists of 3.7 volts 2600 mAH Li-ion battery. This tube light also acts as a power bank. A USB cable is provided with the light through which the mobile can be connected and charged.

The Solar Emergency Tube Light switches ON/OFF by clicking on the power button which is present on side of the light.

- With the first click the light turns on with 100% brightness and works for 8 hours.
- With the second click the brightness of the light reduces to 50% and works for 16 hours.
- With the third click the brightness of the light reduces to 25% and works around 20 hours.
- With the fourth click the light turns to SOS mode where the red light keeps blinking until we turn OFF the light.

Advantages of Solar Emergency Tube Light:

- Energy Saving: Transforms sunlight into electrical energy. Sunlight is unlimited, clean and alternative energy source.
- The light can be used 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 (3.7 Volts), safe than conventional energy sources. This product is very safe and reliable operation.
- This solar emergency tube light has got Li-ion battery which provides protection on Overcharging/Discharging of batteries.
- No Installation, no hanging wires or construction needed. The lamp can light up vast areas and 180-degree angle.
- Unmatched reliability and quality.
- Maintenance Free. There is no other maintenance required other than cleaning solar panel once in a while.

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 5W and a life span of 15 years.
- Li-ion battery with a voltage of 3.7V.
- The battery capacity is 2600 mAh with a life span of 5-6 years.
- The working time is 6-18 hours with a charging time of 4 hours.
- LED chip brand is NICHIA which has a wattage of 5W and emits with a maximum power of 5 W/400 Lumens (1W=160 Lumens).
- The lifetime of LED is >50000 Hrs with a viewing angle 180 deg.
- The color of the light is Cool White with a temperature of 5000-6000k.

Pictorial Representation:



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.

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:



