

User Manual

Overview:

This is an All in one Integrated Solar Gate Light with 1.5 Watt Solar Panel 1.5 Watt NICHIA LED with 240 Lumens. It consists of 3.7 volts 2 AH Li-ion battery. Inbuilt Rechargeable Lithium ion battery provides protection on Overcharging/Discharging of batteries. Light runs from dusk to dawn ensuring to give maximum brightness throughout the night.

There are 2 modes available which can be changed according to the user needs:

Mode 1: The maximum brightness of the light is 150 Lumens. For the first 5 hours the lighting is 100 Lumens and rest of the night till dawn the brightness is 25 Lumens.

Mode 2: The maximum brightness of the light is 100 Lumens. The brightness is evenly spread throughout the night till dawn with 50 Lumens.

Advantages of Solar Gate Light:

- Energy Saving: Transforms sunlight into electrical energy. Sunlight is unlimited, clean and alternative energy source.
- The light can be installed on any flat surface. 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 gate light has got Li-ion battery which provides protection on Overcharging/Discharging of batteries.
- 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 outdoor garden, lawn, pathway terrace, parks, private garden, house gate, courtyard, fence and other public areas. It helps create safer

environment and can increase people outdoor night activities. It also provides an excellent aesthetic value and gives focal points to outdoor areas.

Technical Specification:

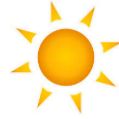
- Solar Panel with 1.5W and a life span of 15 years.
- Li-ion battery with a voltage of 3.7V.
- The battery capacity is 2Ah with a life span of 5-6 years.
- The working time is 1 night with a charging time of 7-8 hours.
- LED chip brand is NICHIA which has a wattage of 1.5W and emits with a maximum power of 1.5 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 Warm White with a temperature of 2700-3300k.

Pictorial Representation:



Installation Caution:

Keep the Solar Panel towards the Sun to ensure that it can be charged well. By doing this the built in Li-ion battery will be charged effectively.

**Installation Details:**

- Installation distance is 3 Meters.
- It can be installed on any flat surface.
- Remove the belt and collet below the bottom support and fix the lamp using 3 M10 bolts on the screw stem.
- M10 bolts has to be bought separately.



Working Process:

- Long press the black button (switch) for 3 seconds to turn ON the light. Long press the black button (switch) 3 seconds again to turn OFF the light.



- To change the mode: Short press the black button (switch) to choose lighting mode M1 or M2 and the indicator light turns on.

- Red Indicating light is M1: First 5 Hours 100 lumens brightness and rest of the night till dawn 25 lumens brightness.
- Green Indicating light is M2: The brightness of the light is spread throughout the night with 50 lumens.

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:





Night Mode Photos:



