

User Manual

Overview:

This is an All in One integrated solar Garden Light with 15 Watt Solar Panel 5 Watt NICHIA LED with 1050 Lumens. It consists of 3.2 volts 20 AH LiFePO4 battery. Inbuilt intelligent sensor control system helps in charging the battery and switching light ON/OFF. Light runs with 100% brightness for first 4 hours and later on switched to intelligent control. Intelligent control regulates the brightness depending on the battery availability and ensure that it gives light throughout the night.

Solar Garden light automatically turns ON/OFF depending on the light intensity. Light is switched ON when darkness is detected and is switched OFF when light is detected. This features helps saving the human and material resources.

Advantages of Solar Garden Light 5W:

- 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 street light has got LiFePO4 battery which can withstand very high and low temperature. It is more efficient than Li-ion and lead acid 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.

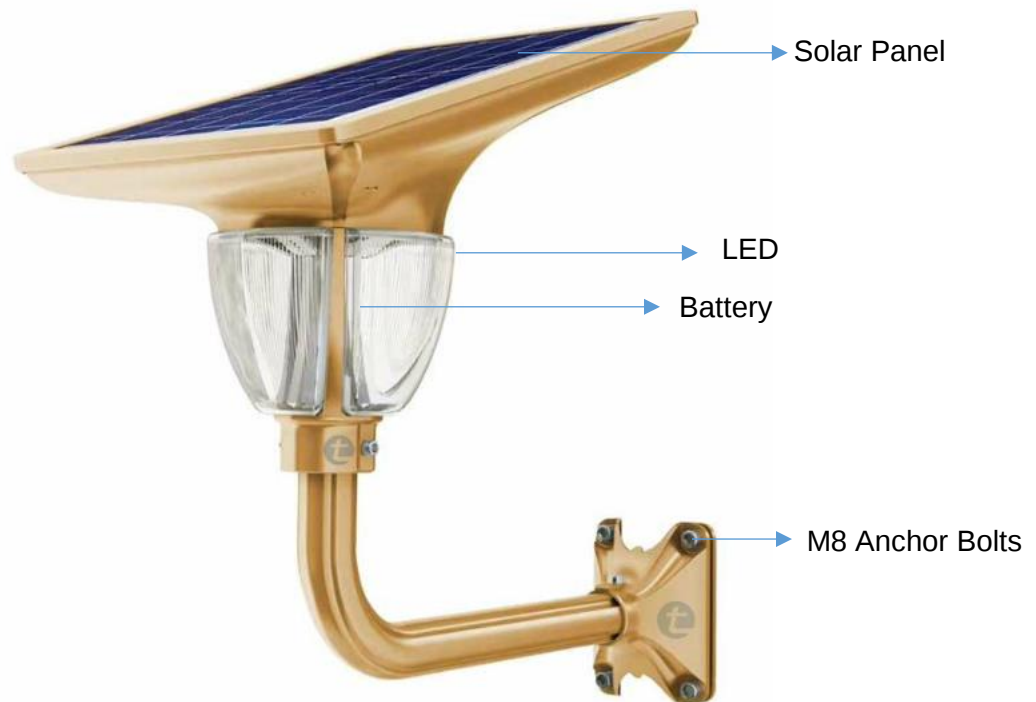
Application:

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 15W and a life span of 25 years.
- LiFePO4 battery with a voltage of 3.2V.
- The battery capacity is 20 Ah with a life span of 8-12 years.
- The working time is 1 night with a charging time of 6 hours.
- LED chip brand is NICHIA which has a wattage of 5W and emits with a maximum power of 5 W/1050 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 Details:

- Installation distance is 10-15 Meters.
- Installation height is 2.5-3.5 Meters.
- It can be installed on a pole or wall.

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:

