

User Manual

Overview:

This is an All in one Integrated Solar Flood Light with 30 Watt Solar Panel 20 Watt NICHIA LED with 3200 Lumens. It consists of 6.4 volts 50 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 ensures that it gives light throughout the night.

Advantages of Solar Flood Light 20W:

- 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.
- High powered flood light has 6.4V battery which provides close amount of light to daylight.
- This solar Flood light has got LiFePO4 battery which can withstand very high and low temperature. It is more efficient than Li-ion and lead acid batteries.
- It is used as an outdoor light and LED flood lights are very long lasting when compared to Standard Lights. These bulbs lasts for up to 10 times longer than incandescent, halogen or fluorescent lights.
- Easy Installation, no hanging wires or construction needed. The lamp can light up vast areas and 180-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.

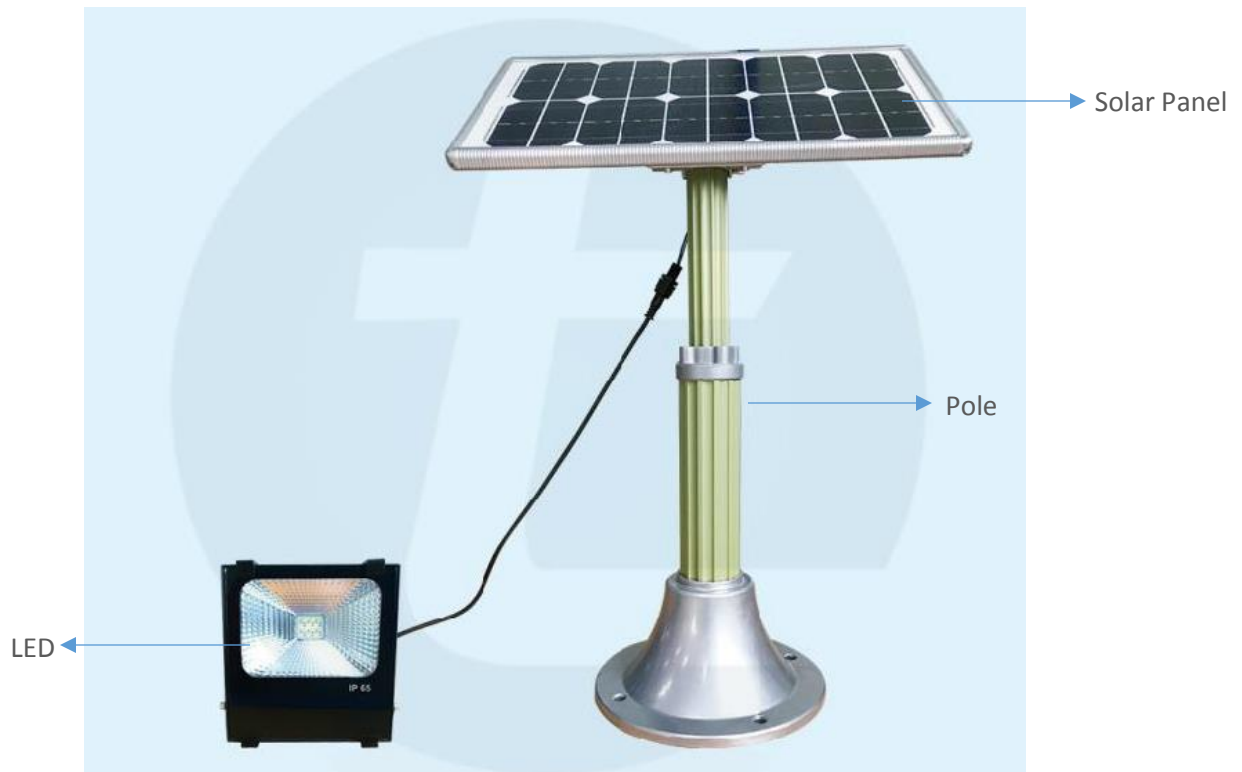
Application:

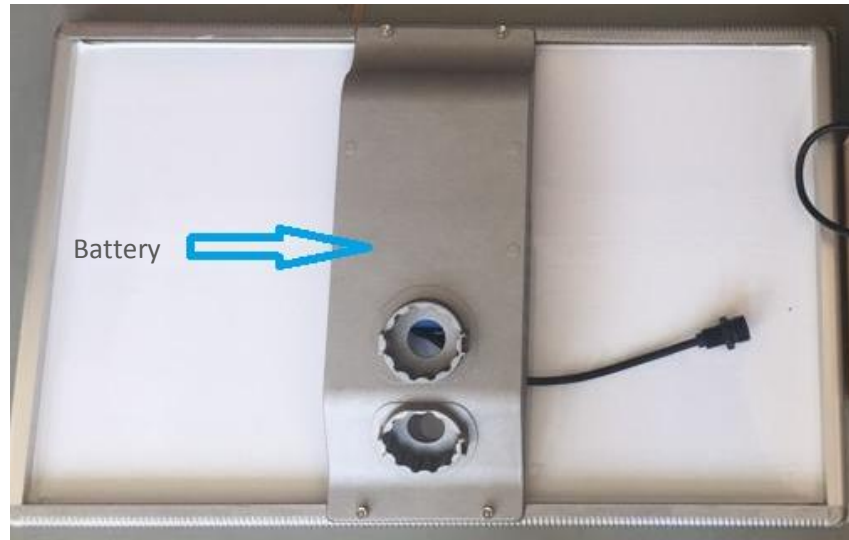
This light is mostly used for Outdoor application to illuminate larger areas at night. It can be used at Stadiums, Sports Fields, Streets, Driveways, Parking lots, Outdoor arenas, Warehouses and many other public areas. It helps create safer environment and can increase people outdoor night activities.

Technical Specification:

- Solar Panel with 30W and a life span of 25 years.
- LifePO4 battery with a voltage of 6.4V.
- The battery capacity is 50 Ah with a life span of 8-12 years.
- The working time is 1 night with a charging time of 6-8 hours.
- LED chip brand is NICHIA which has a wattage of 20W and emits with a maximum power of 20 W/3200 Lumens (1W=160 Lumens).
- The lifetime of LED is >50000 Hrs with a viewing angle 180 deg.
- The color of the light is Warm white with a temperature of 5000-6000k.

Pictorial Representation:





Installation Details:

- Installation height is 5 Meters.
- Installation distance is 10-15 Meters.
- It can be installed on a Pole or Wall.
- Recommended angle of the light is 180 degree for more spread.
- Along with the product, M8 Allen Keys, M8 Bolts and a 2 feet Pole are included in the box.
- U Clamp has to be bought separately for installation.

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 2 years 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:



