

# ✓ E Right Engineering

## SOLAR LATERN

Lanterns manufactured by Right Engineering is primarily a portable light. It can be used in household, small offices, shops and in factory security rooms.

### Scope of supply:

We supply a solar module of 3w power crystalline or a thin film PV to convert sunlight into DC power.

Lantern consisting of a 6V 4AH sealed maintenance free battery, 5CFL bulb of high efficiency with light output of 235 lumens, electronic circuits - housed in ABS plastic body. Choice of Colors is available while ordering.





# **E Right Engineering**

---

## **How to use:**

Generally the solar module is permanently fixed in a location where it can receive direct Sun Light for least 3 hours during the day. The lantern can be placed inside the room. We supply 5 meters length cable connecting the lantern. The end of the cable should be always plugged into the socket available in the lantern. This is very important irrespective of the usage pattern of the solar lantern. When Sun falls on the panel, the green light in the lantern will GLOW indicating the charging of the battery. When the battery is fully charged the green light will switch off. The lantern has an indication of red light for low battery condition.

Normally, it takes 9 hours of continuous usage from full charged condition to come to red light indication. However, we strongly recommend the use for 3-4 hours a day of the light for every day Sun Light Charging. In the case of fully drained condition, it will require charging for minimum 3 Sunny days.

The solar module has life span of 15 years, the battery for about 3 years and the bulb for about 5000 hours of burning.

We guarantee the solar modules for 5 years and the complete product for one year. It is advisable to clean the module top, from dust once in every month.