

## LED Star™ 5 – 5W Solar LED Lantern



### Features:

- 5 Watt Solar LED Lantern
- Omni Directional – 360° Light
- Supplied with 4W Solar Panel
- Option to charge mobile phone
- Two modes: Full Bright and Half Bright
- Backup: Full Bright 4 Hours/ Half Bright 8 Hours
- Duty Cycle: 4 Hours per day
- Autonomy: 2 Days
- Battery: 6V, 4.5Ah Lead Acid Battery
- Instant ON & Flicker free
- Contains NO Mercury
- Emits NO harmful UV radiation
- Warranty on System: 2 Year
- Warranty on Solar Panel: 10 Years
- Warranty on Battery: 1 Year for Lead Acid

MIC Solar LED Lantern is the first LED Lantern to be approved by MNRE when the scheme was initially launched. Our Lantern has been rated as a system with highest efficiency and highest reliability. The solar lantern works on the principle of converting the solar energy captured via the solar panel into electrical energy.

### Emits Smooth Bright White Light

LEDs used in this system are the highest efficiency LEDs which consume low power and give high light output. Coupled with a diffuser the Lantern emits soft bright light soothing to the eyes.

### Highly Portable

Weighing only 1 Kg the lantern is easy to carry. The handle has been designed to withstand rugged handling.

### Amazing Backup

When fully charged the Lantern gives an exceptional backup of 8 hours per day for 2 days in half-bright mode and 4 hours per day for 2 days in full bright mode.

### Environmentally Friendly

The Solar LED Lantern does not emit harmful UV radiation, does not contain Mercury or other harmful substances.

### MNRE Approved

Meets all the requirements including lux levels as per the latest MNRE standard for Solar LED Lanterns.

### Specifications:

Power Consumption: 5W  
 Light Output: 450lm (@Full Bright mode)  
 CCT: 5500K – 6500K  
 LED Driver Type: Constant Current  
 LED Driver Efficiency: >90%  
 Solar Charge Controller: Included  
 Battery: 6V, 4.5Ah SMF Lead Acid  
 Solar Panel: 6V, 4Wp  
 Duty Cycle: 4 hours a day (@FB mode)  
 Autonomy: 2 days (@FB mode)  
 Accessories: Cell Phone Charging Cable

### Mechanical

Construction: ABS Plastic  
 Weight: 1.5Kg  
 Dimensions: 331x144Ø mm  
 Finish: Yellow/Maroon/Light Grey  
 Operating Temperature: 0°C to +45°C  
 Storage Temp.: 10°C to +45°C  
 Humidity: 10~90% RH

**Warranty:** 1Yr on Battery, 10Yrs on Solar Panel, 2Yrs on System (electronics/LED)