



SOLAR LANTERN

DHOOP reading lamp, designed for the easy switch over from traditional kerosene lamps/candles.

- ❖ Each solar lamp saves approximately 50 liters of kerosene consumption in a year.
- ❖ High quality Solar Panels.
- ❖ Electronic Protections are provided for trouble free operations.
- ❖ Indicating lamps are provided for charging status.
- ❖ Overcharge and deep discharge Protections.
- ❖ Low Maintenance free battery for safety and long life.

Housing made of good quality ABS Plastic, Low Maintenance free battery for safety and long life, High quality Solar Panels. MNRE Approved Designs. Easy to handle and Install.



| LANTERN MODEL | DHOOP LT -7' (CFL) | DHOOP LT-7 | DHOOP LT-5 |
|------------------------|--|-----------------|-----------------|
| SOLAR PV PANEL | 10Wp | 12Wp | 5Wp |
| SOLAR BATTERY | 7AH | 7AH | 4.5AH |
| LUMINARY | 7WATTS | 7WATTS | 5WATTS |
| LIGHT OUTPUT | 370 LUMEN | 370 LUMEN | 270 LUMEN |
| INVERTER EFFICIENCY | >80% | >80% | >80% |
| WAVEFORM | QUASI SINE WAVE | QUASI SINE WAVE | QUASI SINE WAVE |
| BATTERY RATED CAPACITY | 80% | 80% | 80% |
| INVERTER FREQUENCY | 20-45Hz | 20-45Hz | 20-45Hz |
| PCB INSULATION | SOLDER FREE | SOLDER FREE | SOLDER FREE |
| BATTERY PROTECTION | LOW VOLTAGE CUT OFF,LOAD RECONNECT,OVERCHARGE CUT OFF,MODULE RECONNECT | | |
| ELECTRIC PROTECTION | OVERCHARGE, NO LOAD, SHORT CIRCUIT, REVERSE POLARITY, REVERSE FLOW | | |

| LANTERN MODEL | DHOOP LT - 1 |
|---------------------|--|
| SOLAR PV PANEL | 3Wp |
| SOLAR BATTERY | 4.5AH |
| LUMINARY | 1WATTS |
| LIGHT OUTPUT | 55LUX |
| INVERTER EFFICIENCY | >80% |
| PCB INSULATION | SOLDER FREE |
| BATTERY PROTECTION | LOW VOLTAGE CUT OFF,LOAD RECONNECT,OVERCHARGE CUT OFF,MODULE RECONNECT |
| ELECTRIC PROTECTION | OVERCHARGE, NO LOAD, SHORT CIRCUIT, REVERSE POLARITY, REVERSE FLOW |



| LANTERN MODEL | DHOOP LT- 3 | DHOOP LT- 2 |
|---------------------|--|-------------|
| SOLAR PV PANEL | 3Wp,6V | 3Wp,6V |
| SOLAR BATTERY | 4.5AH | 4.5AH |
| LUMINARY | 3WATTS | 2WATTS |
| LIGHT OUTPUT | 30LUX | 18LUX |
| INVERTER EFFICIENCY | >80% | >80% |
| PCB INSULATION | SOLDER FREE | SOLDER FREE |
| CHARGING CURRENT | 300mA | 300mA |
| DISCHARGING CURRENT | 710 mA | 370 mA |
| BATTERY BACK UP | 3 hrs | 7.5hrs |
| BATTERY PROTECTION | LOW VOLTAGE CUT OFF,LOAD RECONNECT,OVERCHARGE CUT OFF,MODULE RECONNECT | |
| ELECTRIC PROTECTION | OVERCHARGE, NO LOAD, SHORT CIRCUIT, REVERSE POLARITY, REVERSE FLOW | |



FEATURE

- Led Table lamp with single led driver.
- High Light intensity, long lasting LEDs.
- Better heat sinking to improve reliability of LED.
- Abs body for rugged application ck.
- HB-LED technology LED.