



Jain Jyot Solar Lantern

Jain Jyot Solar Lantern is a portable, stand alone lighting unit consisting of SPV panel, Compact Fluorescent Lamp (CFL), sealed maintenance free battery, high efficiency electronic circuitry and charging cable. It is available in different models.

Salient Features

- ♦ Aesthetic and light weight portable design
- ♦ Non-polluting and eco-friendly
- ♦ Bright but cool light after every charge
- ♦ With necessary indications & protections

The Working

During the day sunlight falls on the SPV module, the cells on the panel convert solar energy into electrical energy. This electrical energy passes through the electronic circuitry to the battery, which gets charged, and stores the energy. This energy is then available for lighting the fluorescent lamp in the lantern at night.

Applications & Uses

- ♦ Emergency and/or house lighting, table lamp, camping, patrolling (streets, farms), Hawker / Vendor Stalls, non-electrified remote places: Adult education, mass communication, etc.
- ♦ Easy and convenient alternative to kerosene/ petromax/ gas lamps as well as substitute for domestic power connection

Specifications of Regular Models

Components	JJL-2	JJL-3
PV Module	12 V, 10 W	12 V, 10 W
CFL (4 Pin type)	7 W	9 W
LEDs for Night Mode Operation (Optional)	8 Nos.	8 Nos.
Battery	12 V, 7 AH	12 V, 7 AH
Two core cable	5 m	5 m
Recommended Usage	4 to 5 Hrs	2.5 to 3 Hrs

Lanterns are also available in LED options & as per specific customer requirement.

Warranty

- ♦ 10 years for SPV Panel
- ♦ One year for entire system



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