

SOLAR LANTERN

DESCRIPTION

REIL's Solar Lantern is an advanced portable solar Photo Voltaic lighting system ideal for remote area / village dwelling. It is pollution-free and an excellent replacement for conventional kerosene lamps and lanterns. The portable Solar Lantern has a CFL lamp, sealed maintenance free battery and electronics all placed in an elegant housing. The solar energy generated by the SPV module is stored in the battery which in turn powers the highly efficient and compact fluorescent lamp.



APPLICATIONS

- Remote home
- Emergency light
- Roadside vendors / hawkers
- Campers hut light
- Night schools
- Night patrolling
- Forest Check Post

DEPLOYMENT

REIL has so far supplied over 8700 Solar Lanterns to various parts of the country. The Lanterns are working satisfactorily in different environmental conditions as deserts of Rajasthan, Hills of Himachal Pradesh & Jammu & Kashmir and plains of U.P., Gujarat and Maharashtra.

SPECIFICATIONS

Each System shall comprise of following:-

- | | <u>Qty.</u> |
|---------------------------------------------------------------|-------------|
| i) SPV Module 8 to 12 Wp (single crystalline silicon type) | - 1 |
| ii) Lantern comprising of following: | - 1 |
| - Sealed Maintenance Free Battery (12V, 7AH) | |
| - Compact Fluorescent Lamp (5/7 watt) | |
| - Charge-Controller | |
| - Inverter | |
| iii) Interconnect cable | - 5 mts |

APPROVALS

REIL Solar Lantern is approved by Solar Energy Centre, Ministry of Non Conventional Energy Sources, Govt. of India.



ROAD-SIDE RESTAURANT
NEAR JAISALMER



For further information contact:

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