

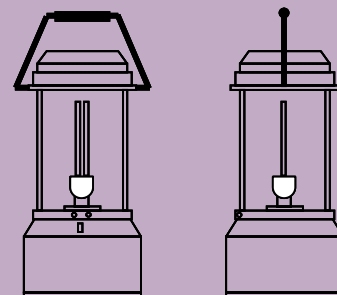


Solar-Powered Lanterns and Power Packs

Solar-Powered Lanterns and Street Power Packs from Mamata Energy cater to a wide range of emergency power requirements

FOR USE IN

- Rural Areas
- Emergency Zones
- Remote Installations
- Educational Institutions
- Industries
- No Power Areas



BENEFITS

- ✓ Proven technology
- ✓ Hassle free operation
- ✓ Low installation cost
- ✓ Easily deployed in any location
- ✓ High Portability

FEATURES

- ◆ Approved by the Government of India and MNES
- ◆ Zero Maintenance
- ◆ Self-sufficient systems
- ◆ Modular electronic components
- ◆ Ideal for emergency zones

SOLAR POWER SYSTEMS

PACK RATING	POWERED BY	LOAD DESIGN
1kW	1100Wp PV, 320Ah Battery Bank, 1.2kW Inverter	600W
2kW	2100Wp PV, 600Ah Battery Bank, 2.0kW Inverter	1200W
5kW	5250Wp PV, 1500Ah Battery Bank, 4.0kW Inverter	3000W
10kW	10500Wp PV, 3000 Ah Battery Bank, 2 x 4.0kW Inverter	6000W



SOLAR LANTERNS

MODEL	PV MODULE	BATTERY	LAMP	HOURS OF OPERATION
Model 1	5Wp	6V, 4Ah	3W CFL	2 Hours Per Day
Model 2	8Wp	7Ah	5W CFL	2.5 - 3 Hours Per Day
Model 3	10Wp	7Ah	5W/7W CFL	3 - 4 Hours Per Day
Model 4	12Wp	7Ah	7W CFL	4 Hours Per Day

Photography may show attachments or accessories, which may not be part of the standard scope of supply. With our policy of constant upgradation of products, specifications are subject to change without prior notice.

Solar Modules

Hail Proof
Heat Tolerant
10-Year Limited Warranty
Unbreakable Junction

Batteries

Spill-proof
Maintenance-Free
Long Life Deep Cycle
Field Proven Technology

Controllers

Solid State
Low voltage disconnect
Programmable Time Switch
Temperature Compensation



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