

Premier Solar Products

Premier Solar manufactures a wide range of products including Solar PV Modules, Solar Lanterns, Solar Street Lighting Systems, Solar Water Pumps, Solar Home Light Systems, Solar Power Plants and a host of innovative solar energy products customised as per customer needs.

By utilising the incessant solar power, Premier Solar is utilising the sun's energy efficiently to create products that are helpful in everyday life as well. What's more, the company is persistently on the lookout for fresher, innovative products to offer, and its R&D team is dedicated to bringing forth new ones all by itself.

Solar Panels

Premier solar modules are a versatile solution for stand-alone power systems, home light systems, solar displays, telecommunication and water pumps.

Common Features :

Produced to international standards

optimized for all sunlight conditions

More power per m²

Homogeneous Appearance with High Energy Yields

Resistant to water, abrasion and hail impact

Torsion resistant module frame made with anodized aluminium with edge sealant around the Laminate

Toughened High Transmission Glass

Glass/ Ethyl Vinyl Acetate (EVA) Encapsulant/ Backsheet Construction

Weather proof junction box, Suitable for rural Lighting, Street Lighting, Grid Connect Power Plants, rural health centres, Navigational Aids, Railway Signalling, Telecommunications, Water Pumping, Rural Electrification, Solar Lanterns... and more!

Solar Lanterns

This is a truly portable solar lantern consisting of an energy efficient CFL bulb, battery and electronics all placed in a compact housing and packaged along with a Solar Photovoltaic module and is equipped with a high efficiency electronic inverter and a charge controller with deep discharge and over charge protection to enhance the battery life. Solar Lantern is built to last long and warrants absolutely no maintenance.

Features

- Uses non polluting, inexhaustible energy from the sun
- 360 degree pure white light
- 4 to 6 hours of operation daily
- Safe and easy to operate
- Adequate protections and indications
- Approved by ERTL as per MNES specifications
- Rugged and attractive body made of ABS plastic
- UV stabilised acrylic light diffuser

Home Lighting Systems

PSS Solar Home Lighting System is an environment friendly and cost effective solution for rural home lighting requirements. A typical home lighting system consists of 2 or 4 numbers of 9W energy efficient Compact Fluorescent Lights, Solar Photovoltaic module, Battery and a Charge Controller. The Solar module charges the battery during daytime and the energy thus stored in the battery is used for powering the lights when required. The CFL luminary cabinet has a built-in high efficiency electronic inverter to reduce energy losses and provide extended lighting time. The home lighting system has efficient electronics which controls the overcharge and over-discharge of the battery and helps in increasing the life of battery.

Advantages

- Safe and easy to install
- Free from noise, smoke and pollution
- Possible to expand the system in future
- Available in different configurations
- Elegant and efficient luminaries
- Provisions for operating extra loads
- Highly advanced charge controller

Longer battery life ensured