



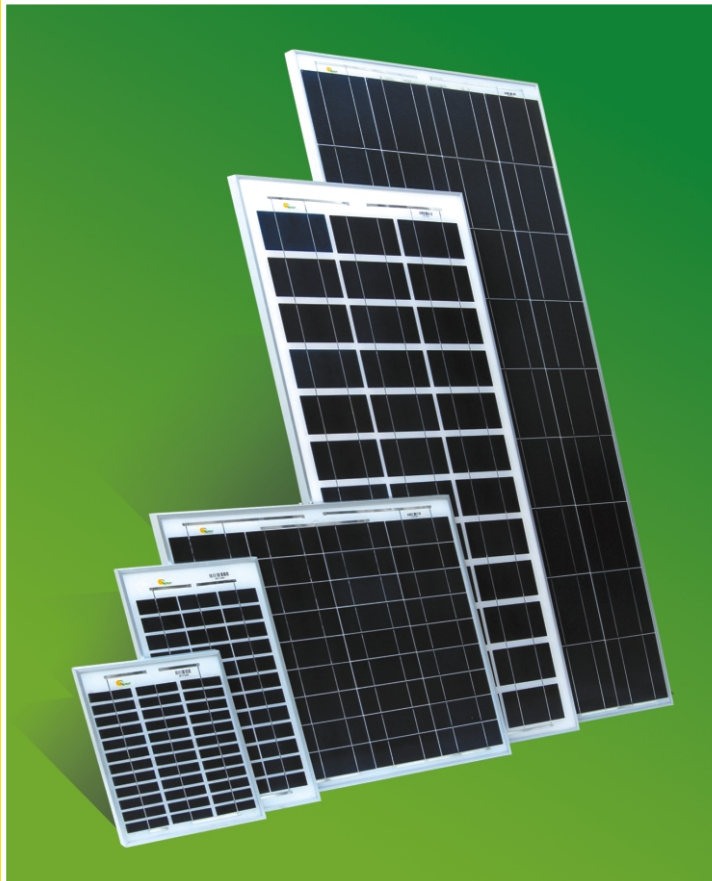
# SHINE SERIES

## High Efficient Solar Panel

Topsun's Solar Photovoltaic modules offer high efficiencies, long consistent performance life reliable operations for both on and off grid applications.

### SHINE SERIES

High Efficient Product Series



CE IEC

1. High power modules precisely manufactured to achieve top most module conversion efficiency in the industries.
2. AR coated cell surface to reduce the reflection of sunlight and BSF (Back Surface field) structure to improve cell conversion efficiency.
3. Due to use of high quality and IEC certified raw materials from International reputed brands we assure our modules reliability, durability and consistency when exposed to real usage.
4. Rugged double-coated aluminum-alloy frame for longevity in adverse conditions.
5. Every batch of cells is individually inspected for optical & electrical parameters to ensure aesthetic appeal & consistent performance when the module is applied to an array.
6. Manufactured under ISO 9001:2000 QMS & ISO 14001:2004 ESM.

### Constructive Characteristics

Cells	: Mono/Multi crystalline silicon cells
Contacts	: Full length solder dipped & Electroplated
Laminate	: EVA
Front Face	: Anti-reflective structured tempered glass
Back Face	: Multi layer laminate of Tedlar material
Frame	: Anodized aluminum
Junction boxes	: IP 65 class
Cables and connectors	: 2 core PVC Insulated Cable
Diodes	: Includes schottkey by pass diodes

### Certifications

MNRE & DGSND	: Indian GVT approved
CE, IEC	: National & International



# SHINE SERIES

High Efficient Solar Panel

Our “Shine Series” high power, state-of-the-art solar panels ranging from 3W to 225W designed specifically for various applications. These solar panels offer the end-user superior performance and complete peace of mind while providing the utmost in installation flexibility.

We have three main product unites on the base of solar panel Watt-Power capacity.

## SHINE SERIES - A

MODULE WATT POWER
100 Wp to 225 Wp

APPLICATIONS
Off Shore Applications Big Power Plants Grid connected systems

INDUSTRIES
Telecom Power Village Electrifications Power Projects

## SHINE SERIES - B, C

MODULE WATT POWER
50 Wp to 90 Wp
18 Wp to 40 Wp

APPLICATIONS
Solar Street Lights Solar Home Lights Traffic Signaling Railway Signaling Small Power Plants Cathodic Protections Microwave Repeater Billboards

INDUSTRIES
Telecommunication Lightning System Government Sector Road & Safty Oil Industries Farm House City Electrifications

## SHINE SERIES - D, E

MODULE WATT POWER
8 Wp to 15 Wp
3 Wp to 5 Wp

APPLICATIONS
Solar Lanterns LED Home Systems Educations Kits Navigations Aids Aviation Lights Road Flashers Sign Board Garden Lights Mobile Charger

INDUSTRIES
Education Industries Entertainment Industries Aviation Lighting Systems Small Appliances

**Topsun Energy Ltd.**

B-101, GIDC, Electronic Zone, Sector-25,  
Gandhinagar - 382 028. Gujarat. INDIA.  
Phone / Fax : +91 79 23288804, 23288805  
Email : marketing@topsunenergy.com



Website : [www.topsunenergy.com](http://www.topsunenergy.com)