

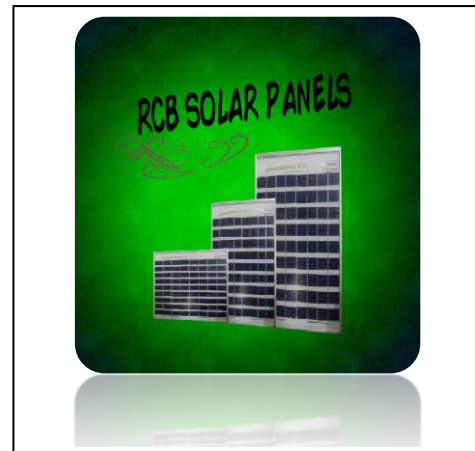
SOLAR PHOTOVOLTAIC MODULES:

The PV modules are specially designed to meet the requirements of the market and are available in various ranges, from 3W onwards, using proven and field tested technology of crystalline silicon solar cells. These are high quality and high performance modules suitable for power generation and tested visually, mechanically and electrically according to the standard test condition applicable worldwide.

The PV modules use high efficiency mono and poly crystalline silicon solar cells and have anti reflective coating and back surface field (BSF) structure to improve cell conversion efficiency. The strong, lightweight aluminum frame design offers high torsion resistance against wind and snow loads. The high transparency low-iron tempered glass is enhanced with stiffness and impact resistance while Advance EVA encapsulation system with multilayer back sheet is provided or better module protection.

SALIENT FEATURES:

- ❖ Uses high efficiency mono and poly crystalline silicon solar cells.
- ❖ Anti reflection coating and back surface field (BSF) structure to improve cell conversion efficiency.
- ❖ Optical, mechanical and electrical testing during and after production process.
- ❖ Strong, lightweight aluminum frame design offer high torsion resistance against wind and snow loads.
- ❖ High transparency low-iron tempered glass with enhanced stiffness and impact resistance.
- ❖ Advance EVA encapsulation system with multilayer back sheets for better module protection.



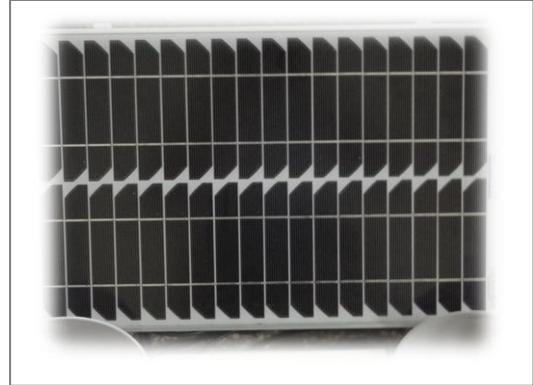
SOLAR PHOTOVOLTAIC MODEL:

- High quality mono/multi crystalline solar cells
- Superior quality EVA/TPT/glass cover etc., for higher efficiency and long life.
- Torsion Resistant module frame made out of anodized aluminium
- Tested and approved ETDC, Bangalore
- More than 12.5% module efficiency
- Easy to handle and install design
- Superior quality ABS plastic terminal block



SOLAR PV POWER PACK:

- Solar PV power plant
- Suitable for educational institutions, resorts office complexes, farm houses, etc.,
- Grid tie inverter
- Solar power conditioning unit (PCU) to monitor the power flow
- CPRI approved batteries (SMF/Flooded electrolyte type) with rack
- Anti corrosive structures for panel mounting
- LCD/LED indicators
- Well insulated wiring systems



SOLAR PHOTOVOLTAIC APPLICATIONS:

- ✓ Power supply for remote telecommunication equipment.
- ✓ Monitoring system for the oil and gas industry.
- ✓ Traffic, security, environment, signaling system and other remote monitoring.
- ✓ Water pumping systems.
- ✓ Rural electrification and small home power systems.
- ✓ Battery charging systems.
- ✓ Residential roof-top systems.
- ✓ Commercial/industrial building roof-top systems.
- ✓ Large on and off grid solar stations.
- ✓ Other industrial and commercial applications.

