



PRODUCTS OFFERED

Micro grid roof top solar power project with net metering concept

Solar powered water pumping system

Solar-LED Street lighting system

Grid tied solar power projects

SCOPE OF SOLAR POWER IN INDIA

Located in equatorial Sun Belt of earth, India having sunny weather for about 300 days a year and receives an annual radiation of 1600 to 2200 kwh/sq.m equal to 6000 million gwh of energy potential per year. As India depends on imports for major energy sources like coal and oil, it is a social responsibility for everyone to utilize the immense potential of solar energy to develop our own energy sources and achieve energy security.



WHY SMARTSUN?

- High expertise EPC team.
- Strategic tie-up with leading module and inverter manufacturers.
- Accessories used comply with international standards and are procured from leaders on the respective segment.
- Engineering team trained in Taiwan.
- Modules come with unprecedented twenty five years output warranty.
- Extensive module range (40wp – 305wp).
- Solar inverters from world No:1 manufacturers.
- Obtaining and Managing required licenses and approvals.
- Renewable energy certificate (REC) consulting.
- Smartsun - Scada remote monitoring system.
- Anodized aluminum mounting structures for long life.
- Excellent after sales service and maintenance.

OUR PRODUCTS SMARTNESS

- High module efficiency, up to 15.74%
- Tested for 5400pa load capacity, can withstand heavy snowfall
- Corrosion resistant Anodised Aluminium frame
- Low iron tempered glass with high transparency improves module efficiency
- Special modules with anti-reflection glass
- Customised modules like black passivated modules, glass roof modules, BIPV modules for exterior wall cladding
- Well engineered and aesthetic module mounting frames made of anodized aluminum for longer life
- Solar tracking system to follow sun path, to improve power generation
- Intelligent space management by high module efficiency and CAD designed layout (10w/Sq.ft)
- Energy cost is sealed for next 25 years, no matter what happens to fossil fuel cost



smart energy
smart world

SMART CUTTING EDGE FEATURES

Aspiring to produce sustainable source of renewable green energy and to create a promising energy adequate tomorrow, Smartsun is actively engaged into this business with quality as the top-notch priority.

- Smartsun Solar is a part of five decade old Smart Machinery group Taiwan.
- Smart Machinery group are the leading Manufactures of textile machineries and are having a huge customer base in India.
- The Company is promoted by technocrats with a wide range of experience and expertise in Electrical and mechanical industry.
- The Engineers and technicians of the Smartsun family were well trained in Taiwan in order to solve the challenge and problem they face in each projects.
- Our projects are designed in concurrence with the engineering team in Taiwan and executed carefully using the latest technologies.
- We are having strategic tie-up with the world renowned inverter and module manufacturers and all the accessories used in the project are of reputed make and complies international standards.
- The project are completed as per the commitment with adherence to the quality expectations of the customers.





Quality Policy

Smartsun is committed to deliver highest quality products by espousing the best engineering and technology practices. We believe in bringing customer focus, sustainable development and emphasize on continuous improvement in every aspect of our business.

Certifications



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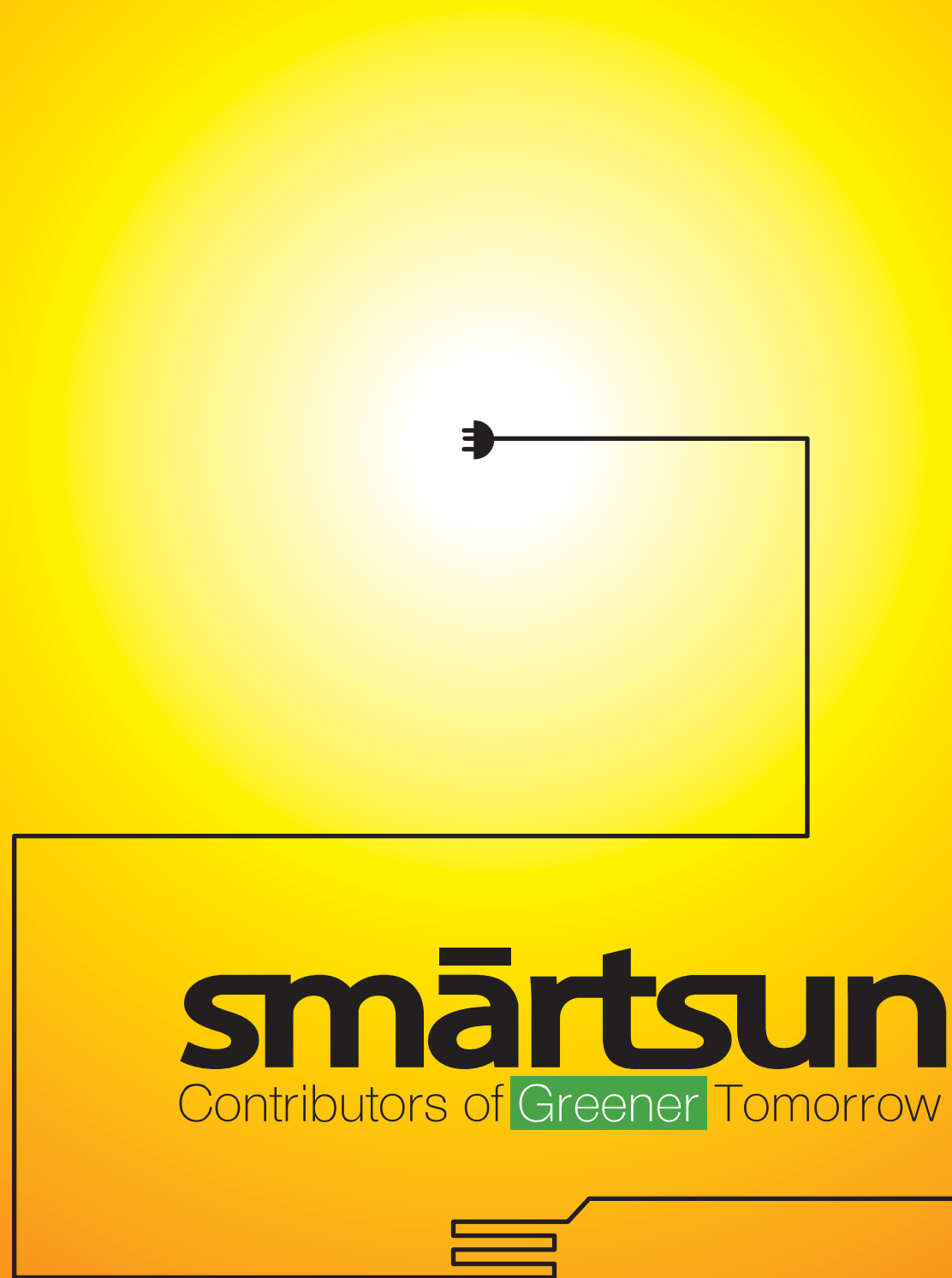


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smart world



Where
the colour
of light is
GREEN

It is time to accelerate the development of advanced clean energy technologies in order to address the global challenges of energy security, climate change and sustainable development. Solar photovoltaic is a key technology option to realize the shift to a decarbonized energy supply and is projected to emerge as an attractive alternative source in the future. Just 1kw solar power installation cuts down about 850 kgs of Co2 emission per year.



SUCCESSFUL PROJECTS BY **smārtsun**

