



Sunce Renewable Pvt. Ltd.

We Imagine.
We Innovate.
We Integrate.
We Implement

We Innovate breakthrough products and commercially successful businesses that transform industries and have a positive impact in human life.

About the Company

- Established in 2016, Sunce Renewables brings a combined experience of more than 1GW among its management team. Our team has extensive experience, working on electronics manufacturing, automation, solar and IoT industry. We bring-up a combination of experience and knowledge to develop solution for solar and other industries. Sunce Renewables is your one-stop shop for all your monitoring control and IoT requirements for Solar or other industry.





SERVICES

- **SOLAR PLANT DESIGNING AND PMC**
- **SOLAR INVERTER AMC & SERVICES**
- **SCADA SERVICES**

& PRODUCT

- **SNET PORTABLE STRING MONITORING DEVICE**
- **SNET - LORA**
- **SNET STRING MONITORING BOX**
- **SNET RS485 TO ETHERNET CONVERTOR**
- **SNET IOT GATEWAY**
- **SNET REMOTE CONTROL SMART GRASS CUTTER**
- **PV CLEANING ROBOT**



Our Offered Services



SOLAR INVERTER AMC & SERVICES

WE DO ALL MAKE & OUT OF WARRANTY

- Masterful inverter repairs for all brands, ensuring peak performance and longevity. Customized solutions, prompt support, and unwavering quality assurance.
- Fault Analysis: In-depth fault analysis is conducted to accurately identify issues.
- Root Cause Analysis: Our experts identify underlying causes to prevent recurrence.
- Repair Work: Expert technicians carry out the necessary repairs.
- Safety and Part Testing: Rigorous safety and part testing procedures are employed to ensure quality.
- Load Testing: We ensure that repaired inverters meet performance standards.
- Warranty Certificate: We provide a warranty certificate for added peace of mind.
- Pick-Up/Drop Logistics Management: Efficient logistics management for string inverters from locations across PAN India.



Our Offered Services



◆ SCADA SERVICES

- Repair and AMC: Our expertise extends to the repair and annual maintenance contract services for SCADA systems from all manufacturers.
- On-Site Service Support: Our expert technicians are available on-site, ensuring the seamless operation of your systems.
- 24/7 Service Support: We are committed to providing 24/7 service support whenever you need it.

Communication Solutions:

- Custom Communication Products: Discover our range of communication solutions tailored to meet the specific needs of solar plants.
- LoRa Technology: Our wireless devices are built using advanced LoRa technology, guaranteeing reliable and efficient communication.



Our Offered Services



◆ SOLAR PLANT DESIGNING AND PMC

- Solar plant designing and Project Management Consultancy (PMC) are critical components for the successful implementation of solar energy projects. Solar plant designing involves evaluating potential sites based on solar irradiance, land availability, and grid proximity, followed by detailed system design, including the selection of solar panels, inverters, and mounting structures. This process also includes energy yield modeling and financial analysis to ensure the project's technical feasibility and economic viability. PMC plays a crucial role by overseeing project planning, design validation, procurement, construction management, and commissioning.



Our Offered Products



◆ SNET PORTABLE STRING MONITORING DEVICE

- **Efficiently Monitor and Optimize Your Solar Power Plant**

The SNet Portable String Monitoring Device is a cutting-edge PV string monitoring system designed to precisely detect abnormal conditions within a solar power plant. It monitors all strings within a Combiner Box without disrupting power generation.



Our Offered Products



◆ SNET - LORA

- Advanced LoRa Technology (wireless) for Reliable Data Acquisition and Transmission.
- The SNet LoRa series is designed for seamless data acquisition through LoRa technology, supporting wireless sensors and wireless RS485 serial data conversion.
- This versatile solution finds applications in various industries, including energy, chemical plants, water pipelines, hospitals, and more, for temperature and humidity collection and monitoring.



Our Offered Products



◆ SNET STRING MONITORING BOX

We are the only Indian manufacturer to offer a String Monitoring Box with our own proprietary monitoring card featuring LoRa technology for data communication.

- **Maximize Energy Production:** Ensure each solar string is performing at its peak, optimizing your energy output.
- **Reduce Downtime:** Instantly detect issues and take corrective action to minimize system downtime.
- **Cost-Efficiency:** Improve system ROI with increased energy production and reduced maintenance costs.
- **Remote Access:** Monitor your solar installation from anywhere, simplifying management and troubleshooting.
- **Proven Reliability:** Rely on a product designed by experts with a deep understanding of the industry.



Our Offered Products



SNET RS485 TO ETHERNET CONVERTOR

- Acts as MODBUS TCP Slave and MODBUS RTU Master
- Supports standard MODBUS commands
- Embedded HTTP module to configure static IP and Port number
- Provision to configure static IP and Port number
- Up to ten TCP masters can connect to the device
- No limit for number of RTU clients
- Optional RS485/RS232 Isolation
- RS232/RS485 configurable Baud rate (1200-230400)
- Highly Reliable and Low cost



Our Offered Products

◆ SNET IOT GATEWAY

Unlock the Power of Real-Time Information for Your Solar Power Systems

- Maximize Energy Production: Ensure each solar string is performing at its peak, optimizing your energy output.
- Reduce Downtime: Instantly detect issues and take corrective action to minimize system downtime.
- Cost-Efficiency: Improve system ROI with increased energy production and reduced maintenance costs.
- Remote Access: Monitor your solar installation from anywhere, simplifying management and troubleshooting.
- Proven Reliability: Rely on a product designed by experts with a deep understanding of the industry.





Our Offered Products



- ◆ **SNET REMOTE CONTROL SMART GRASS CUTTER**
 - A remote control smart grass cutter is a cutting-edge device designed for efficient and effortless lawn maintenance. Controlled via remote, it allows users to mow their lawns from a distance, providing convenience and precision. With built-in sensors and AI technology, it navigates around obstacles, adjusts cutting height, and ensures an even trim. This smart grass cutter simplifies lawn care, saves time, and ensures a perfectly manicured lawn with minimal effort.



Our Offered Products



◆ PV CLEANING ROBOT

- A PV cleaning robot is an innovative solution designed to maintain the efficiency and performance of photovoltaic (PV) solar panels by keeping them clean and free of dust, dirt, and debris. These robots automate the cleaning process, eliminating the need for manual labor and ensuring consistent, thorough cleaning without causing damage to the panels. Equipped with advanced sensors and AI, PV cleaning robots can operate autonomously, navigating across panel surfaces and adapting to different environmental conditions. By maintaining optimal cleanliness, these robots help maximize energy output, enhance the longevity of the solar panels, and reduce maintenance costs, making them a valuable asset for large-scale solar installations.





Our Happy Client





Connect with us.



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