



COMPANY PROFILE



Hive Solar

Hive Solar was Established in 2013 having offices at Trivandrum and Cochin, are exclusive Distributors for Luminous /Schneider Electric Solar Products for South Kerala . Since its inception, the company has made its goal to be the standard setter for the alternative energy industry and to bring clean, green electricity both to the urban environment and the periphery. We operate across Kerala and South Tamil Nadu . We are also channel partner for LUMINOUS (part of Schneider electric) empanelled for Off-grid and Grid Tie Programmes by MNRE and ANERT.

We have currently established ourself as the largest supplier of Solar equipments in Kerala from Panels, DC Cables to Custom Safety Equipments . Our portfolio also boasts of a combined installed capacity of more than 4MW of Solar Plants for both commercial and residential purposes through our wide network of retailers and Integrators over the last four years .

Apart from the above we are engaged in the manufacture and supply of Modular Solar panel Structures and Combiner/Junction Boxes for large commercial Solar Power Generation plants.

Our Achievements

3000+ Customers , more than 4MW of Solar Installations , 15MWh of Battery Storage provided.

Solar Power Rating “ 2C “ for decentralised Solar Photovoltaic (PV) Applications .



ISO Certified - ISO 9001:2008 “Quality Management System (QMS)” focused on meeting customer expectations.



Whom We Offer

We offer complete solar power systems and solar power products with comprehensive accessories:

- for private residents
- for public buildings
- for agricultural applications
- for remote DC applications
- for stand-alone installations
- Education Institutions
- Architects
- Military Establishment
- for KELETRON Projects
- MNRE Empaneled Agencies in Kerala
- Builders

Technical Team

Our In-house team comprises of Electrical Engineers , Electrical Supervisors to take care of Initial design and costing of the Plant . Installation of the plants are carried out by our well qualified technicians .

Apart from the above we are also associated with various Electrical and Civil Contractors at various districts at Kerala to help liaison with Various Gov Licensing Bodies

Associated Companies

Hive Solar are proud to be associated with world class companies like DELTA , Schneider electric, Outback Power, OBO BetterMan , Neowatt , KEI for providing Electrical equipments and Safety components .

Mounting Systems

Our mounting racks are optimised for installing PV panels easily and extremely cost efficient and designed to be easily scaleable upto any size . Our mounting systems for solar power plants also cater to every wish, including roof-parallel, flat-roof or greenfield installation.

Design and Solutions

Hive Solar employ use of **Schneider Conext PV Designer Software** to accurately size the components of your solar electric or PV system, ensuring that the system works in the most optimal manner while strictly complying to safety

A 3D rendered version of the Panel Structure helps provide customers/Architects pre-visualise and suggest necessary changes etc even before the actual installation , hence cut down on expensive post installation modification.

Power Audit

Before selecting Power systems like Inverters/UPS or sizing a PV system for an existing home/Office etc. Our Data Loggers and Power Analysers help to evaluate your energy consumption and usage pattern and provide a detail chart on ways to reduce your electricity consumption and model an optimal system.

Post-Installation Maintenance & Support Services

Regular maintenance extends the life of system components and allows clients to realise the maximum return on their investment. At project completion our integration team hands the reins over to Service Department for post-installation support services. Dispatches are managed by field service technicians who are experts at maintaining system components and who, when issues arise, can effectively evaluate the root cause and execute a speedy resolution.

Our support team offers a broad spectrum of services designed to cover all of a clients needs.



PRODUCTS WE OFFER

www.hivesolar.in

SCHNEIDER GRID TIE INVERTERS

Ideal solution for commercial buildings

The Conext CL Series is a new line of three phase string inverters designed for high efficiency, maximum flexibility and easy installation and service. Schneider Electric's broad range of medium voltage products make Conext the ideal choice for medium and large PV plants. Backed by Schneider Electric's global service infrastructure, leading manufacturing facilities and its expertise in energy management, the Conext Series is the inverter you should trust for quality and reliability.



DELTA GRID TIE INVERTERS

For Home and commercial buildings

- High conversion efficiency
- Great value for money
- Monitoring Options
- large service network
- Monitoring and datalogging
- Easy to install



SOLAR C10 BATTERIES

- Designed for daily cyclic application
- Ultra low maintenance
- Excellent charging efficiency
- Low rate of self discharge
- Superior voltage and energy output profile
- 1500 cycles @80% DoD
- 5000 cycles @20% DoD
- Low maintenance



LUMINOUS SOLAR HYBRID INVERTER

- Pure sine wave output
- Intelligent service assistance indicator in case of faults.
- Intelligent Solar Optimisation Technology (I-SOT)
- Intelligent Charging (i-Charge) with optimum utilisation of solar power.
- Inbuilt charge controller with 98% efficiency
- Equipped with battery type selection
- Dc Load controller and LVD feature
- 25%-30% savings on electricity bills
- Very safe for sensitive products like TV, PC



PV PANELS FROM LUMINOUS AND VIKRAM SOLAR

High Quality Poly/Mono Crystalline Panels

HIVE SOLAR offers both Imported and Indigenous make panels . We offer panels from

some of the top leading players in the Solar Industry is the world Vikram , Luminous to name a few . The solar panels we provide deliver proven high performance solar electricity solutions for the residential, commercial and utilities segments at very attractive costs



PV SAFETY BOXES & DC CABLES



SOLAR PANEL EASY MOUNT STRUCTURE

- Easy to install and service
- No welding required
- Expandable from 1kW to 100KW
- Adjust to any panel Size
- Save Time and Money

FLEXIBLE SOLUTIONS FOR YOUR POWER NEEDS

www.hivesolar.in



GRID TIED SOLAR PLANTS

Hive Solar are leading provider of various inverter models to consumers that are customised to Indian grid conditions. In addition to their Industry's high efficiency, our inverters are characterised by a long service life and are easy to install, maintain and monitor. With our well-established local presence and highly motivated engineering team, we will be offering all our customers fast and reliable support in terms of Application Engineering and after sales service.

Solution for Home and Business *

Model	PV Capacity	PCU Capacity	Generation per day
2000GT	2000W	3KVA	8- 9 units
3000GT	3000W	3KVA	12 - 13 units
6000GT	5000W	6KVA	20 - 22 units
10000GT	10000W	10KVA	40 - 48 units
15000GT	15000W	15KVA	60 - 70 units
20000GT	20000W	20KVA	80 - 100 units
25000GT	25000W	25KVA	100 - 120 units
30000GT	30000W	30KVA	120 - 140 Units
50000GT	50000W	50KVA	200 - 240 Units

* Equipment Provided : Panels - Vikram Eldora 60 Cell , Inverters - DELTA / Schneider /ABB , Cable - KEI , Safety equipments - FIBOX/CHINT/ MERSEN

OFF GRID SOLAR PLANTS

OFF grid plant ranging from 1KW to 100KW can be customised to suite based on Client requirements . The PCU's Implemented are the most advanced and robust available in the Indian market . Panels from various manufacturers are available to the customer to choose from . C10 Rated Solar Specific Tubular Batteries are provided for reliable backup and efficiency. The structure provided are Heavy duty GI sections with fasterers which are weld free for longevity and strength.



PCU FEATURES

- Pure sine with isolation Transformer
- MPPT / PWM Solar Charger
- Upto 150% Surge Handling capacity.
- Thermal and surge protection
- IEC certified

BATTERY

- C10 Rated Solar Tubular
- Extremely Robust
- Upto 5000 cycles at 80% DOD

PANELS

- Poly crystalline 250W
- High efficient .
- 25 Years performance Warranty

Model	PV Capacity	PCU Capacity	Battery Capacity	Generation per day
1000S	1000W	1.5KVA	3600	3 - 4 units
1500S	1500W	1.5KVA	7200	5 - 7 units
2000S	2000W	2KVA	7200	6 - 8 units
3000S	3000W	3KVA	14400	9 - 12 units
5000S	3750W	5KVA	14400	11 - 14 units
6000S	6000W	6KVA	28800	18 - 24 units
10000S	10000W	10KVA	36000	30 - 40 units

* Equipment Provided : Panels - Vikram Eldora 60 Cell , PCU - Luminous / UTL , Battery - Luminous Solar C10

For more information about us, please visit our website at www.hivesolar.in

Company Details

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