

SAVINGS AHEAD!!!



ELCOMPONICS

ABOUT ELCOMPONICS

Elcomponics Group founded in 1988 with 25 years of experience in Electronics and Electrical industry with employee base of 1000 and annual turnover of more than Rs. 300 Crore, is one of the top manufacturers of wire harnesses, cables and connectors, LED lights, power transformers, electronic chokes, inductors etc. Elcomponics is India's one of the top exporter of its products to many countries including China, Europe, Latin America and Asian countries. Samsung, Bloom Energy, GE, Schneider, AEG, Ingersoll Rand, Delhi Metro Rail etc are some of its prestigious clients. The company is ISO 9001, ISO 14001 certified and won prestigious awards like "National Award for Excellence in Exports" conferred by President of India, "National Award for outstanding Entrepreneurship" and "Star Export House Award" from Ministry of Commerce and Industry, India.

GROUP COMPANIES



Elcomponics Sales Pvt. Ltd. (ESPL)

ESPL is one of the leading wire harnessers manufacturing company of India.



Amelco Kabel Pvt. Ltd.

Amelco Kabel is in the business of manufacturing IEC/ UL certified wires and cables in JV with Swedish Company AMO Kabel.

Romarsh Elcomponics Technology Pvt. Ltd.



Transformer Division

Romarsh Elcomponics in collaboration with Tamura Corp. of Japan is manufacturing power transformers, inductors, chokes for High power UPS & Traction applications in its Bangalore plant.



Elkoha LED Lighting Division

This division is in the business of manufacturing LED based lighting products in technical collaboration with Elkoha Japan. It has recently also started manufacturing of Solar PV based LED lighting systems.



Elcomponics Technology India Pvt. Ltd. (ETIPL):

ETIPL is manufacturing Electronics' Chokes, Power Conditioning Units etc. The company has set up a new Solar Business Division and has entered into business of setting up grid connected and off grid connected roof top PV plants and setting up of ground based MW scale solar power project in collaboration with Sun Power Corporation as its system integrator using its high efficiency solar pv modules. It has also received CRISIL-MNRE, Govt. of India Rating as System Integrator of Solar PV business.

SOLAR PV BUSINESS

ETIPL solar division provides complete turnkey solutions for both, on Grid and Off Grid solar power plants. Our solutions are tailor made to cater to the needs of each customer. We offer flexibility to our clients in terms of choosing from a wide range of services that are available with us. Clients have the option to either go in for a complete turn-key solution or choose the services that they needs. We work with the world best technology providers of Solar PV modules which occupy less space and gives around more generation over plant life. We build plant with state of art latest technology in PV modules, inverters, cables and other components for grid-connected and stand alone installations.



PARTNERING WITH THE BEST!

SunPower Corporation of USA is manufacturers of commercially available highest efficiency modules in the World. Annual degradation of these modules is less than 0.40% per annum, same capacity module occupies 30 % less space and solar plant based on these modules gives around 15 to 20% more annual generation. ETIPL is an authorized system integrator of Sun-power Corporation and is a technology partner in setting up solar plants based on High Efficiency modules.

SERVICES PROVIDED



Developer



Consultancy



Design &
Engineering



EPC



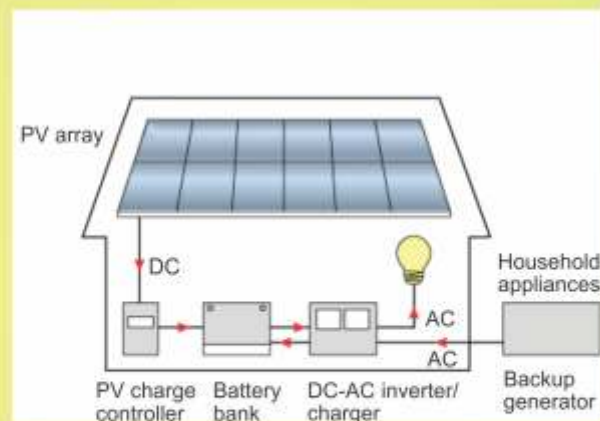
O&M

SOLAR PV BUSINESS SEGMENT

Off Grid Solar PV

ETIPL specializes in building Off Grid Solar power plant for locations. It is an effective solution for the locations where electricity supply either not available or it is very erratic and frequent power cuts. The off grid solutions is best to be provided for residential as well as for big commercial loads without interruption. It is also cost effective in areas where there is no power grid as it saves the hassle of investing in expensive and time consuming infrastructure.

Solar Power plants harness sunlight to generate electricity and store the same in battery packs. This power can be used as per need both in the day and night. ETIPL undertake turnkey installation of off grid roof top as well as ground mounted solar power plants ranging from 3 KW to 500 KW.

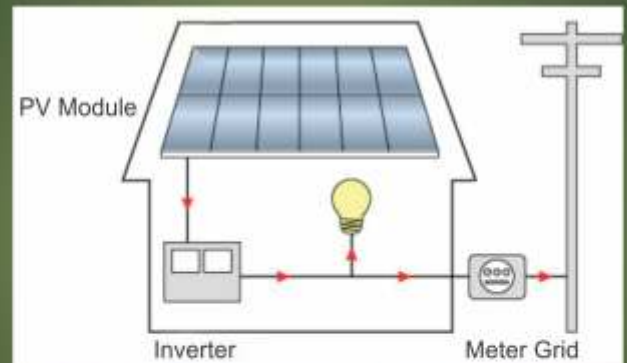


On Grid Solar PV

ETIPL offers Grid connected system for captive load as well as to feed in grid. This solution is best solution for big commercial, educational and industrial buildings having big loads. Using Sun-Power module, more capacity module can be installed in small area, proving best solution in buildings have area restriction. Grid connected system have two major component one Modules and other Solar Inverter.

DC Power produced from solar panels is converted in AC power by solar inverter and is directly fed to the main panel of building, from where load is distributed.

This system is best suited for Industries, Hotels, Hospitals, Educational institutions, big commercial buildings, real estate towers who are using diesel gensets as cost of producing electricity from Solar PV Plant is around 25 cheaper as compared to DG sets cost etc. ETIPL is undertaking turnkey installation of grid interactive hybrid Solar power plants which can run in fully automatic mode with AC supply, DG sets and also battery bank.





MW Scale grid interactive power plants

ETIPL is providing solution for MW projects for the companies having renewable purchase obligation.

DC power produced from solar panels are converted into AC using Inverters and then Stepped-up to higher voltage as per nearest substation ratings. With ETIPL's in-house engineering and construction teams, we strive to leverage our technical experience and industry know-how to develop the most cost-effective and energy efficient PV solar plants in the industry.

We provide complete end-to-end solutions including complete Engineering, Procurement and Construction (EPC) services for our customers seeking to build solar power plants in India and beyond.

Decentralized Solar PV application products



Solar lantern



Solar home lighting system



Solar street light (LED)



Solar PV pumps for drinking water & irrigation



AJB & ACDB



Solar Accessories & cables

BENEFITS OF SOLAR ENERGY

1. Installing a solar power system is one way you can save on your energy bills.
2. No moving parts and very minimal/zero maintenance.
3. Enormous savings of precious diesel fuel in case DG sets are used to generate electricity.
4. The entire system has huge life span and durability. Solar panels have a life span of 25-30 years.
5. Clean and green energy with no recurring electricity cost.
- 6- Can be stalled and operated anywhere including remote locations where it would be expensive or impossible to run power lines.
- 7- Reduce Carbon emission and minimize the effects of global warming.

A 50 KW system with SunPower modules generate around 90000 units per year. To generate equivalent units from Diesel Generator we need around 30000 litres of Diesel which costs around Rs.15 Lacs.

Pay back period with SunPower's module for 50 KW plant is between 3-4 years, if we compare it with diesel power and is around 7-8 years if we compare it with electricity.

INSTALLATIONS



**For further details,
please contact us at following addresses:**

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