



KS POWER

future with solar energy



**Solar Water Heaters/
Solar EPC/ Rooftop
Solutions**

www.kspower.in

ABOUT US

KS POWER are engaged in manufacturing, marketing, servicing and researching of equipment that Harness solar energy. To serve the society as a leading renewable energy company by offering superior products and services guided by continuous research, there will be enormous savings in High Recurring Energy Bills & Consumption of Fossil Fuels while great savings on Carbon Foot Prints as well.

We strongly believe that the Customized application development is essential for the promotion of Solar Rooftop & Thermal hence we have always emphasized on development in house Research Team. Solar thermal has been key Business Vertical which helps to save recurring energy expense with attractive IRR. The organization consists of extremely talented and experienced personnel and it also possesses fresh minds and energy through the inclusion of young talent as another major source of business and service. We have a different and unique working pattern, which is different from the other organizations which are in a similar field of functioning. We pay extreme level of focus and observation on our Product Quality and Manufacturing.



VISION

Our vision is to provide high quality and cost-effective solar power across emerging markets, reducing carbon footprint-paving the way for a more sustainable energy future, thereby improving quality of human life.

MISSION

To serve the society superior products and services guided by continuous research.

PRESENCE ACROSS SOLAR VALUE CHAIN

Solar Water Heater
Solar Street Lights
Heat Pump
Solar PV Module
Solar Rooftop Solutions

EPC Projects
Inverters
Batteries
Solar Water Pump
Solar products

Solar Water Heater



Characteristics

- The Thermo syphon solar water heater is composed of storage tank, supporting structures, Evacuated tubes and installation parts.
- It is the method of passive heat exchange, based on natural convection, which circulates a fluid without the necessity of mechanical pump.
- Natural convection of the liquid starts when heat transfer to the liquid gives rise to the temperature difference from one side of the loop to the other.
- Multifunction: bathing, domestic and commercial use etc.

➤ IT could work at any time in sunny days.

➤ With a KS POWER solar water heater, you become the owner of your energy system. You will enjoy low operational costs, be protected against any future energy price increase and experience high comfort levels in your daily hot water consumption.

All in One Solar Street Light

All in one Street Light, IP 65

Available Models 5W,12W,20W LED

Models with separate solar panel also available

Motion sensor for Longer Battery Life.

Automatic Dusk to Dawn operation

No cabling, no battery box, lowest installation cost

It can be mounted on pole and wall



SOLAR PV MODULES:

Superior Module Efficiency as per International Benchmarks

Positive Power Tolerance 0/+ 5W

PID Resistant Modules

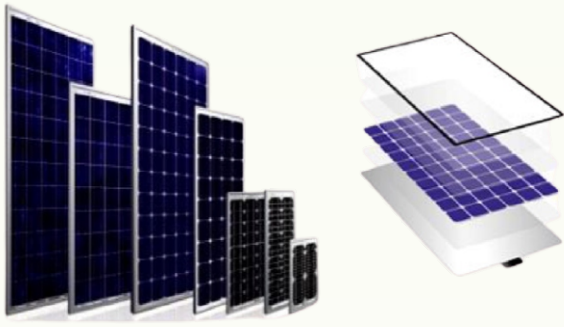
Glass with Anti-reflecting Coating

Salt Mist, Ammonia and Hail Resistant

Sustained Heavy Wind & Snow Loads

IP67 Rated Junction Box

Sand and Dust Storm Resistant



Solar Rooftop Solutions:

Solar rooftop is a system that converts the solar energy into electrical energy that you can use for industrial, commercial or residential purposes.

This system can be mounted either on rooftop and terrace or on open ground. When installed by solar energy experts, solar rooftops turn out to be nearly maintenance free. Solar energy benefits the environment around us because it is non-polluting.

Besides that, the power you get from rooftop solar panels proves economical in the long run. In other words, you can expect a good deal of savings in your monthly bills for power.

Operations:

The solar panel produces DC (Direct Current) electricity. This electricity will be run through inverter to produce AC utility electricity that you can use for practically any equipment that needs electrical energy.

The PV system is connected through the LT panel which, in turn, is connected to the utility side through a grid meter. The PV system supplies electricity to the utility and ensures that power excess can be exported back to the grid with net metering.

Here are some of the top benefits of solar rooftops:

Long life : Has a lifespan of 25 years

Government benefits : Brings various benefits from the government

Easy : Runs on very little maintenance

Great value : Gives return on your investment in 4 to 5 years

Suitable everywhere : Is suitable for any kind of electrical loads

Surplus : Can export surplus power to the power grid

Silent star : Performs silently, doesn't pollute and uses green energy

Money saver : Helps save money on electricity bills

Breakeven : Delivers electricity free after the breakeven period

New age technology : Can be monitored through mobile or computer



Commercial and industrial solar rooftops:

A commercial rooftop solar is a unit that supplies electrical energy through a carefully designed system which converts solar energy into electrical energy.

Depending upon on your requirement and the space available to set up rooftop, we will design the most appropriate system for you. It will not only lead to huge costs savings for you in terms of power bills reduced but also an assured supply of virtually never-failing power.

Here are the four major advantages of using commercial solar rooftops:

Get power that's nearly free: Solar power through commercial solar rooftops is practically free.

Your product costs go down: Lowered electricity costs means lower production cost.

Enjoy advantage per norms: Get the most out of current government laws on solar energy.

Depreciation: Benefits of 40% depreciation of Solar cost as per Gov. Norms.





EPC Projects: COMMERCIAL & INDUSTRIAL

Solar EPC solutions will provide a good return on investment by utilizing idle roof space / Land. We provides customized EPC solution as per your need and energy consumption. It will also help to reduce / hedge the cost of power from solar at Rs. 4 - 5 /unit & can give 3.5 – 5 years on payback of investment. Commercial & Industrial customers are eligible for Accelerated depreciation benefits for renewables under IT section 32 on investment for solar rooftops, whereas the depreciation claim shall be at 40% of project value in 1st year .

Inverters:

We provides a wide range of single phase and three phase inverters with capacity starting from 1 Kw to 300 Kw.

On Grid Inverters

➤ SINGLE PHASE INVERTER

➤ THREE PHASE INVERTER

Off Grid Inverterstion



Solar Water Pump

A Solar photovoltaic (SPV) water pumping system consists of a PV array, VFD Controller, DC/AC surface mounted, Submersible/Floating motor, Pump set. Solar Pump can be used for Agriculture, Drinking Water Supply, Hospitals and Government Sector.

Wide range of pumps from 0.5HP to 50HP.

Less power losses due to unique winding design.

Approx. 7.5 hours of uninterrupted daily running time.

Low Maintenance

Solar products

Solar Garden Light with Motion Sensor:

Solar Mobile Charger

Stringent Quality Management System

The company strives to accomplish and maintain the finest quality of products in the industry. To achieve this, the company has developed a sophisticated in-house laboratory equipped with latest microprocessors based equipment, a laboratory for stage inspection, a computerized spectrometer for instant metal analysis and an advanced R&D division. Strict adherence to quality to make the products superiors and incomparable in the market forms the guiding principle for every product.



Customer Service:

We have a dedicated customer relationship team handles all after-sales service. We also have a call center for handling customer queries. Resident engineers and sales officers at **10+ locations** cater to our customers.

3000+ Solar Projects Commissioned

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