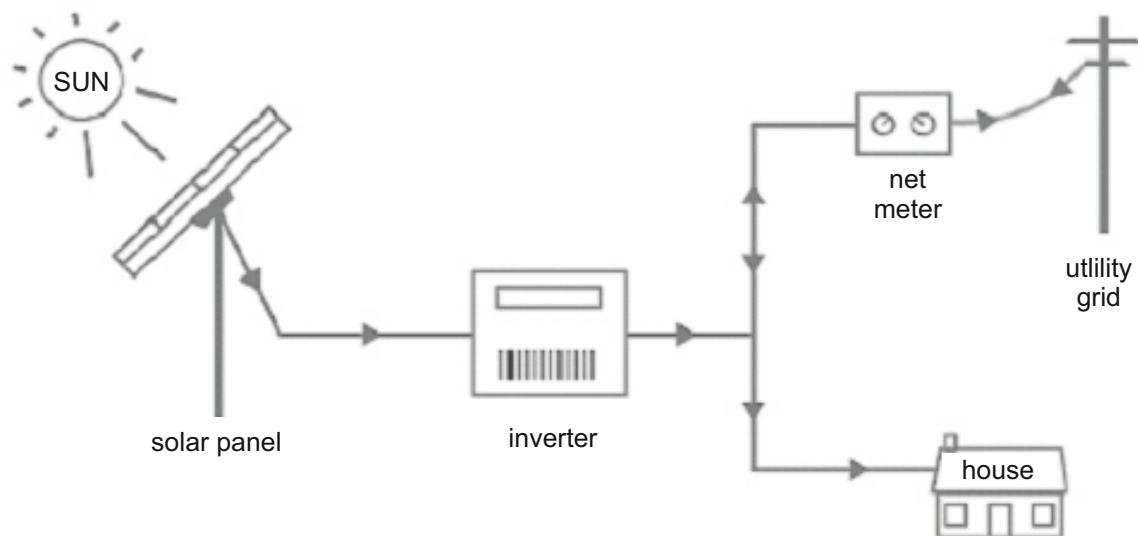


# SOLAR POWER SOLUTIONS



It's time we think about our mother earth and switch to the non-conventional sources of energy such as solar energy. The energy received from the Sun – Free of Cost! Solar power is renewable, non-polluting and leaves no Green house gas and emissions. The energy output of a 1 KW solar energy unit is roughly equivalent to the burning of 170 pounds of coal and 300 pounds of carbon dioxide being released into the atmosphere. Therefore, Solar power is the future.

Our solar power solutions help you generate your own power with easy to use solar equipments – a low maintenance, silent and pollution-free alternative to diesel generators. With the solar power equipments you can generate electricity for locations where grid is inaccessible or the access is prohibitively expensive. These solar power pack systems can also be used in conjunction with existing grid for uninterrupted supply of electricity. Our solutions are based on proven solar technology, which makes them highly efficient and completely maintenance-free. At MARSZ we don't sell Photovoltaic equipment. We promise to deliver fully managed solar energy services.

As a leading solar energy solutions provider, the types of organizations that MARSZ serves is quite diverse, including commercial businesses, government entities and utility companies. Yet all our customers share a common goal: to derive financial benefit by participating in solar programs while helping to save the planet. Solar energy benefits the world economically, environmentally as well as socially.

MARSZ offers a broad range of photovoltaic solar modules that feature high efficiency through quality material and workmanship. Our solar modules are amongst the best PV panels available to multiple customer segments including industrial, commercial,

institution, both on-grid and off-grid solar projects and residential users.

A PV panel is made up of a silicon-based semiconducting material that is sandwiched between two electrical contacts. The more time a PV module spends under direct sun light the more electricity it can generate.

Rooftop solar PV systems are ideal for residential and commercial establishments and offer clean, green and inexhaustible energy.

A solar photovoltaic module is the most silent producer of energy as the PV cells do not produce any kind of noise while generating electricity. The installation of solar panels is a one-time cost and requires very little maintenance annually to ensure they are working at maximum capacity.

Harnessing of solar energy is a relatively new but very promising field in India. Production and deployment of solar energy has tremendous potential in the times to come and its capabilities are being continuously developed to make it more cost effective. It is one of the most secured energy generation procedures as there are zero emissions of harmful elements.

## **SALIENT FEATURES OF ROOF TOP SOLUTIONS:**

- Pure Sine Wave Inverter
- Auto restart while AC is recovering
- Fulfills power requirement for conventional applications (Light, Fan, TV, Fridge)
- Generates Power and Supplies even when electricity is there
- Protects against overload, short circuit, battery deep discharge / overcharge and output over voltage
- Easy Installation, Easy Operation, Minimal Maintenance