



Solar energy for homes india

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Harness the solar power abundantly present around you with the best solar system for your home in India. Investing in a home solar system is a time taking thoughtful process and requires major commitment. While it produces long-term results, it also requires every homeowner to consider multiple options and choose the one that enables easy solar transition.

Use of solar technology is popular for its immense potential in power generation thus saving energy costs, and the support you get from the government in terms of subsidies. Now is the right time to switch to solar. Follow our complete home solar system guide to make an informed decision.

What is a Home Solar System? Home solar systems are a breakthrough in harnessing the power of the sun and channelizing it for the betterment of our environment. Solar is a popular alternative power source, and home solar power systems have come a long way in terms of energy generation efficiency and reduced initial investment to make solar cost-effective and rewarding for individual homeowners.

The various components that make up a residential solar plant include solar photovoltaic panels (PV modules), inverter, batteries (in case of off-grid solar solution), module mounting structure (MMS), bi-directional meter, and tools for the balance of the system. Constant improvements in solar technology have made solar components highly versatile, durable, and suitable for nearly any climate and property type.

Solar electricity powering our homes is the future! Solar is advantageous not only for our pockets but also for the climate. Energy savings is the biggest motivator for homeowners to opt for this green energy technology.

Saves money ; Solar helps you save substantial amount of money in annual electricity costs and can pay back your initial investment in just 6-8 years. Eventually, you not only recover your initial solar plant cost for your home but continue to produce your own low-cost domestic electricity that increases the return on your solar investment during its lifespan.

Adds value to the home ; Solar is an attractive upgrade to your home and an amazing selling point if you decide to market the property in future. A property installed with solar plant also impact buyers' property purchase decisions as the buyer would want to purchase a house with in-built operational solar plant for home. A solar powered home producing cost-effective electricity for years will attract more potential buyers.

Freedom from the grid ; Using a solar system for your home in India can give you independence from the grid. You can choose to completely go off the grid or reduce your dependence on it by producing your own domestic electricity through a home solar power system with battery storage technology. It will keep your home powered even during unannounced power cuts.



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Cost-effective – Owning and maintaining a solar plant in your home is hassle-free. Solar systems of present times are highly durable and weather-resistant, with a lifespan of over 30 years. With regular cleaning and minimal maintenance, your solar panels ensure years of efficient electricity production for all your domestic needs.

Environment friendly: The traditional process of generating electricity using coal as a fuel releases tons of toxic gases into the environment and causes air pollution. Using renewable energy sources like solar is definitely the best way to cut down on emissions and save the environment.

How a Solar Setup for Home WorksSimply put, solar PV systems are advanced power generation stations that have solar panels to absorb sunlight and convert it into electricity and other components to give you the usable supply to power your appliances.

Since your home appliances and electronics don't work on DC current, the energy passes through a solar inverter to get converted into AC current before subsequently consumed in the house, transferred to the grid, or stored in solar batteries for backup electricity.

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