

What does SV mean for solar panels





Overview

What is a solar PV system?

The 'PV' stands for photovoltaic. PV is a technology that uses semiconductors to capture and convert the energy in sunlight into electricity. When you hear people discuss 'solar' they are usually talking about solar PV. Also known as solar modules, they are the primary component of a solar PV system.

What is a photovoltaic system?

Photovoltaics (PV): Devices that convert solar energy into electricity using semiconductors (this conversion is called the photovoltaic effect). Solar panels are photovoltaics and make up a PV system. Power output/rating: The number of watts a solar panel produces in ideal conditions.

What is a photovoltaic solar panel?

'Photovoltaic', or 'PV' describes the technology behind solar panels. PV systems capture solar energy and transform it into usable electrical power. 'Pitch' is the angle of inclination of a roof or mounted solar panel relative to the horizontal plane.

What is a solar inverter?

Inverter: Component of a solar panel system that converts the electricity generated by solar panels into a format that can be used to power your home. Kilowatt (kW): How we measure the size of a home solar panel system. A kilowatt is just 1,000 watts. Megawatt (MW): Some commercial solar projects are over one MW in capacity.



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