

Purchase new photovoltaic inverters

Which solar inverter should I Choose?

The solar inverter you choose will need to be compatible solar system type you are installing: Grid-tied inverters are meant for grid-tied solar systems, the most common system type. They manage a two-way relationship with the grid, exporting solar power to it, and importing utility power from it as required.

What is a PV inverter?

PV inverters are often described as the "heart" of a PV system because they play a central role in converting the direct current generated into usable alternating current. Without an inverter, efficient and reliable use of the solar power generated by the PV system would not be possible.

Are solar inverters expensive?

They're good at dealing with shade (like power optimizers), and have the additional advantage of making your solar system easy to expand. They are, however, the most expensive type of inverter. Learn more: Inverter types compared

Why do all PV systems need a PV inverter?

This is why every PV system requires at least one PV inverter. PV inverters are often described as the "heart" of a PV system because they play a central role in converting the direct current generated into usable alternating current.

What type of solar inverter makes the most sense?

Those are the kinds of things that can make a real difference in what type of inverter solution makes the most sense," Kurchin added. When it comes to home solar installation, homeowners have three types of solar inverters to consider: string inverters, string inverters with DC power optimizers and microinverters.

How long does a PV inverter last?

Depending on the model, the PV inverters of SMA are designed for an operating period of roughly 25 years. How much current does a PV inverter consume? The power consumption of a PV inverter depends on its power rating and model. During the day, the device draws its energy from the PV system.

See our expert's top 6 solar inverter brands, specs, warranties & prices. Compare string, micro & optimizer models and learn how to pick the best inverter for your home or business.

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