

Solar inverter inw





Overview

What is a solar power inverter?

Here's what you need to know about this essential solar equipment. A solar power inverter's primary purpose is to transform the direct current (DC) electricity generated by solar panels into usable alternating current (AC) electricity for your home. Because of this, you can also think of a solar inverter as a solar "converter."

Why do we need a solar inverter?

Our homes and the electrical grid use AC power, so the inverter is essential for integrating solar energy into our daily use. Without a solar inverter, the energy produced by solar panels would be largely unusable for standard appliances and electronics. [How Does a Solar Inverter Work?](#)

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What type of solar inverter do I Need?

The type of solar inverter you get installed at your house will be determined by several factors. To guide your solar design decisions, the four key solar power inverter technologies to know are string inverters, microinverters, power optimizers, and hybrid inverters.

How does a solar inverter work?

For one, the electricity your solar panels generate is direct current and your fridge (and almost everything in your home) uses alternating current. That's where your solar inverter comes in. This one mighty piece of equipment does that conversion and so much more. Here's what you need to know about this essential solar equipment.



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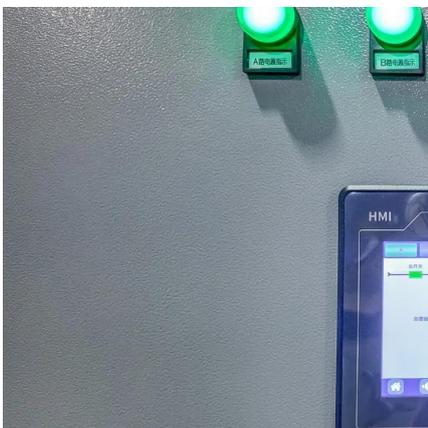
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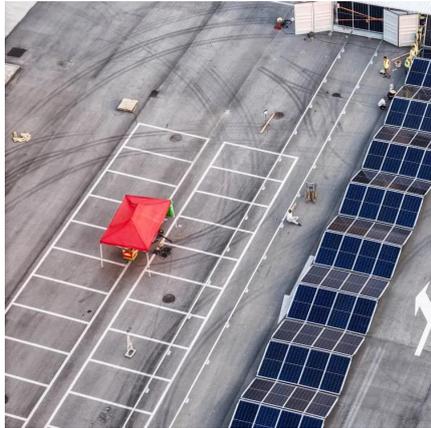




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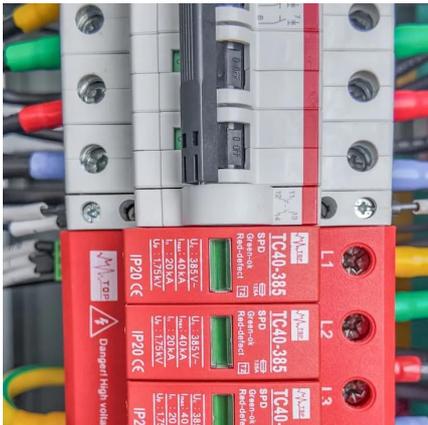
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