

Solar inverter adjusts power





Overview

What is a solar inverter?

A solar inverter is the electronic heart of your solar power system—a sophisticated device that converts the direct current (DC) electricity generated by your solar panels into the alternating current (AC) electricity that powers your home and feeds into the electrical grid. Think of it like a translator at the United Nations.

How does a solar inverter work?

Think of it like a translator at the United Nations. Just as a translator converts spoken French into English so different delegates can communicate, a solar inverter converts DC “language” into AC “language” so your solar energy can communicate with your home’s electrical system.

How do you Power a solar inverter?

You just plug the inverter into the transfer switch and flip the switches from grid (line) to solar (gen). I have a 6 circuit switch wired into my main panel and can power them with my gas generator or from my solar inverter. I can pick which circuits to power depending on the load and how much power I have stored in my batteries.

How do you turn off a solar inverter?

Switch off the AC isolator. You will always have one in your switchboard, or meter box, and you may also have one by your inverter. This could be labelled up as ‘AC switch’ or ‘Solar Supply Main Switch’. Switch off the DC isolator which should be located underneath the inverter. The screen should go blank, and the lights should go off.



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