

# **Generator supplies power to solar inverter**





## Overview

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Are all generators compatible with solar inverters?

**Compatibility:** Not all generators are compatible with solar inverters, so it is important to ensure that the generator you are using is compatible with the inverter. **Power output limitations:** Generators may have limited power output capacity, which may not be sufficient to power the inverter and meet the power requirements of your home or business.

How does a solar inverter work?

The solar inverter will automatically switch between solar power and generator power depending on the availability of sunlight, ensuring a continuous supply of electricity. By adding a generator to your solar power system, you can enhance its reliability and ensure that you have a backup power source when needed.

How do I connect a solar inverter to a generator?

To connect a solar inverter, it should be connected to the utility side of the transfer switch. Connecting the solar to the generator can lead to bad outcomes. It's recommended to consult your Power Company (POCO) for their approved equipment list before proceeding. Need assistance?

Please visit our [Forum Help Section](#).

Should I add a generator to my solar system?

If you already have a solar system with batteries and an inverter, you might want to add a generator as a backup for cloudy days or long-term outages. The inverter can automatically switch to generator power when the battery is low. 3. Fuel Efficiency and Smart Load Sharing



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