

# The solar inverter automatically cuts off power in the afternoon





## Overview

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Do solar inverters shut off when the grid goes down?

Most solar inverters are sold with an 'automatic shut off switch' that detects when the power grid goes down and shuts down the entirety of the solar power system to protect electricity line workers.

Why does a solar inverter shut down automatically?

Therefore, the inverter shuts down automatically for safety reasons. This is due to the following: the electricity generated by the solar panels is temporarily stored in the inverter. The inverter is constantly measuring the frequency and the voltage from the grid and adjusts the generated power to this.

Why do solar inverters automatically switch off during a power cut?

During a power cut engineers will be working on the grid and if solar panels or batteries are in operation there is a risk the engineers could be electrocuted by the electricity being generated. This is why solar inverters are designed to automatically switch off when a power cut is detected.

What happens if a solar inverter goes out?

Your solar system - including the inverter - is connected to the power grid. If it continues to run during a power outage, it will supply electricity to the power lines and put the lives of technicians at risk. For this reason inverter systems have an automatic shutdown feature.



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### Why does an inverter shut down?

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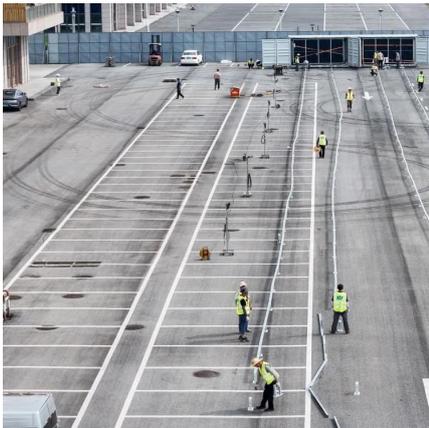
### 5 Reasons Your Inverter Keeps Shutting Off

Solar inverters tied to the grid automatically shut down during a power failure for safety reasons. If there is a power outage in your area or flickers on and off, your inverter will shut down.



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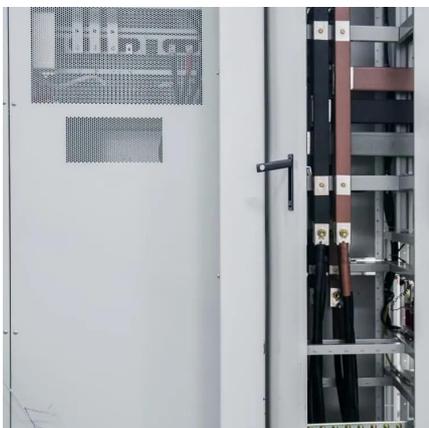


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