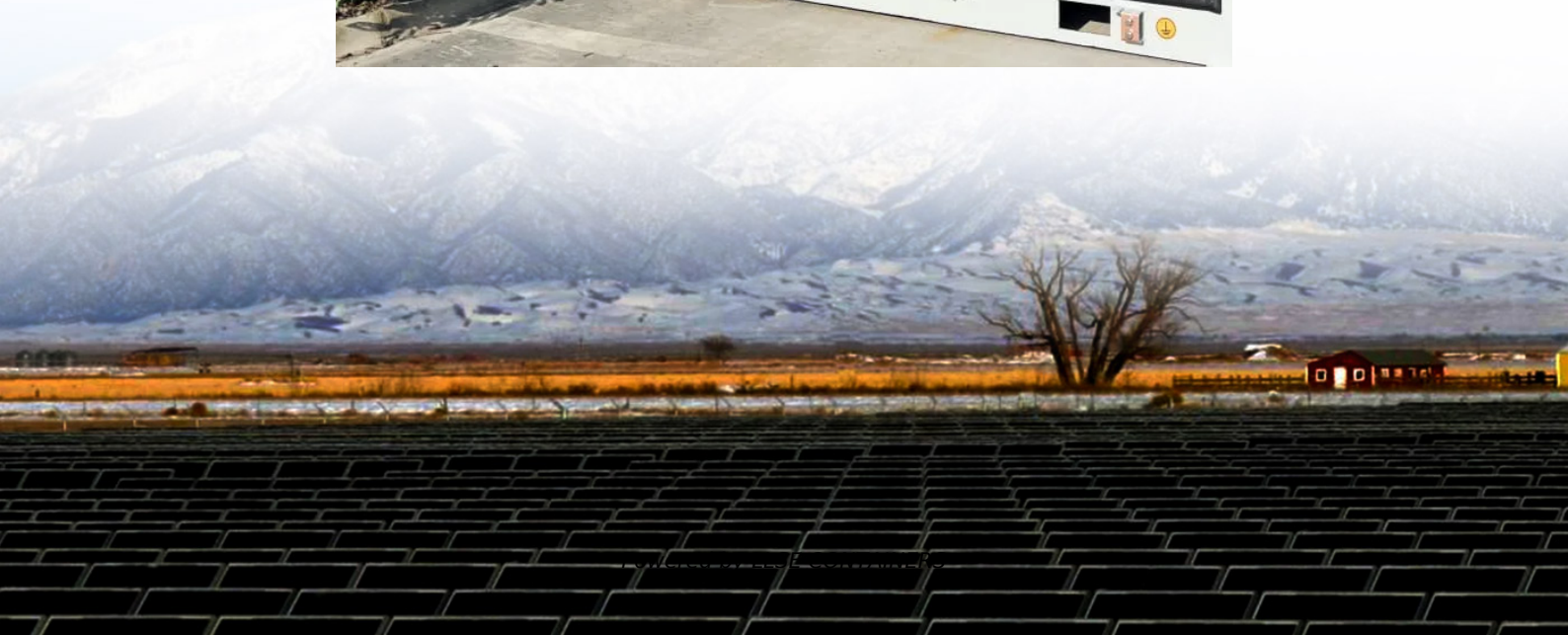


# **Does the solar inverter need a backup power supply**





## Overview

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Do I need a solar inverter?

A solar power system requires an inverter to transform the direct current electricity collected from the solar panels into utility-grade AC power that is ready for use. We sell inverters manufactured by third parties, some of which are SunPower-branded, for both residential and commercial customers.

Is it necessary to have solar backup power?

No,\ you do not need solar backup power or a battery installed at your home or business along with your solar panels.

Do solar PV systems need a battery inverter?

Solar PV systems capable of battery storage require special wiring. Some even require a special inverter to interface with the batteries properly. Inverters that can work with batteries, like hybrid inverters, normally cost more. Chances are, many people considering adding batteries to their solar power system do not have one.

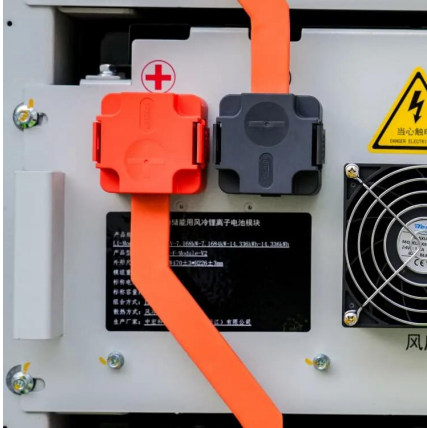
Can a battery backup inverter run a large appliance?

Battery backup inverters are not powerful enough to start and run many large appliances. While multiple batteries and inverters can address these energy and power limitations, the cost of 20+ kilowatts of inverters and 40+ kilowatt-hours of batteries is prohibitive for the typical homeowner.



## Does the solar inverter need a backup power supply

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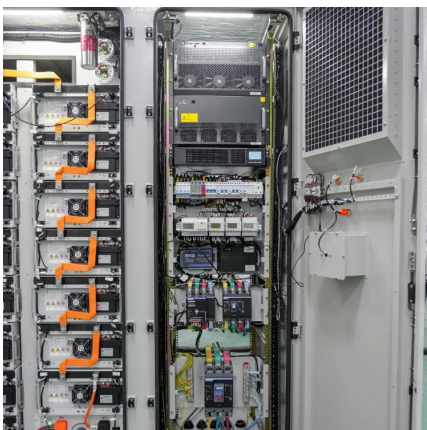
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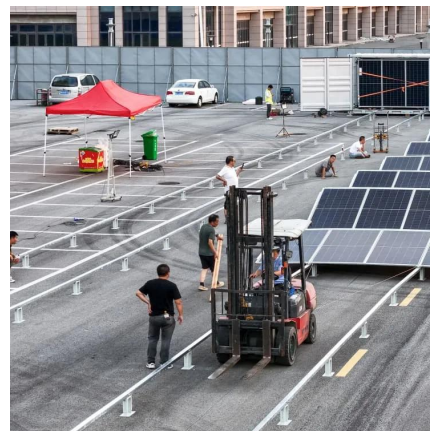


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