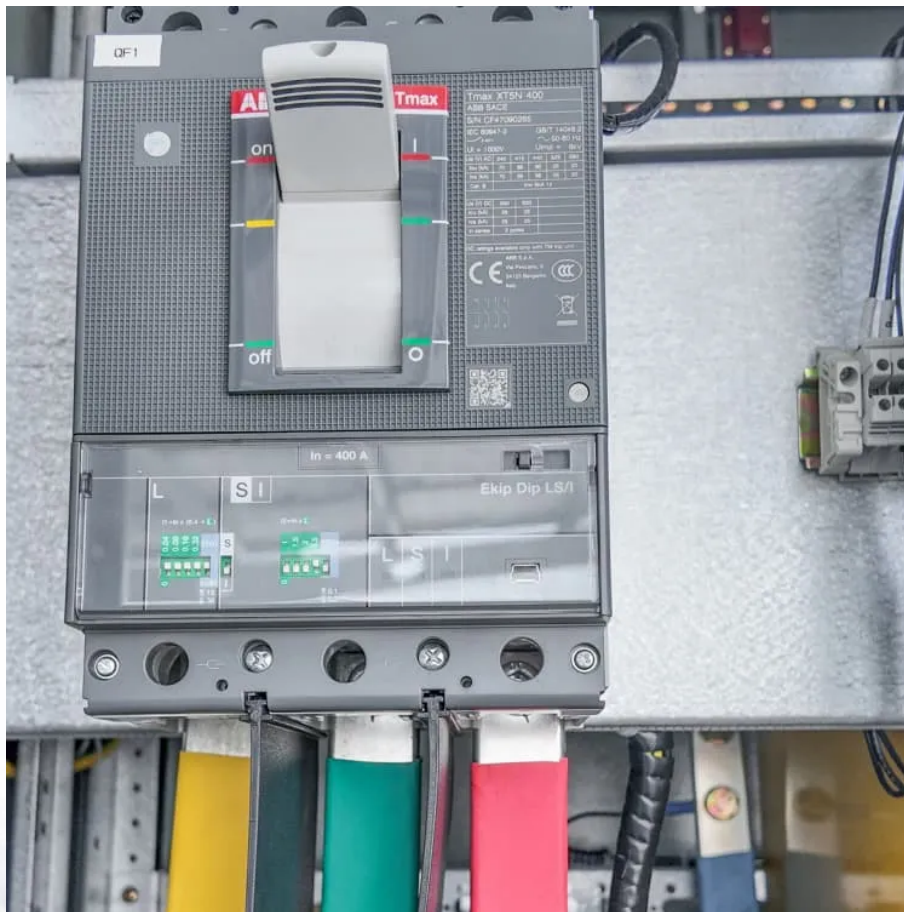


# Can the inverter be used for home use directly after it is released





## Overview

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No, connecting solar panels directly to an inverter is unsafe and inefficient. You need a charge controller to regulate voltage (typically 12V/24V/48V) and prevent cell overcharging. What does a power inverter do?

What does a power inverter do, and what can I use one for?

A power inverter changes DC power from a battery into conventional AC power that you can use to operate all kinds of devices . electric lights, kitchen appliances, microwaves, power tools, TVs, radios, computers, to name just a few.

How does a portable inverter work?

You just connect the inverter to a battery, and plug your AC devices into the inverter . and you've got portable power . whenever and wherever you need it. The inverter draws its power from a 12 Volt battery (preferably deep-cycle), or several batteries wired in parallel.

Are inverters suitable for home use?

These inverters are suitable for home use. We offer 2 systems (12v or 24V) and then have provided different battery options to suit your budget. The more cost effective option comes with the Royal 100Ah Standard Deep Cycle Batteries.

How does a car inverter work?

The inverter draws its power from a 12 Volt battery (preferably deep-cycle), or several batteries wired in parallel. The battery will need to be recharged as the power is drawn out of it by the inverter. The battery can be recharged by running the automobile motor, or a gas generator, solar panels, or wind.



## Can the inverter be used for home use directly after it is released

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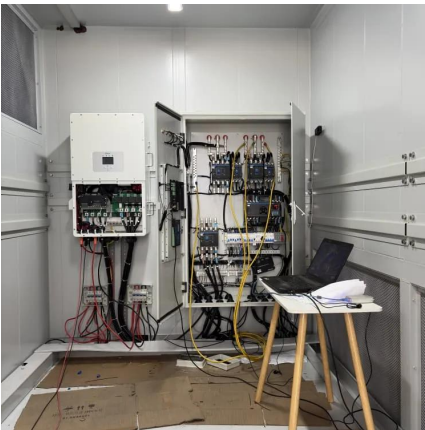
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