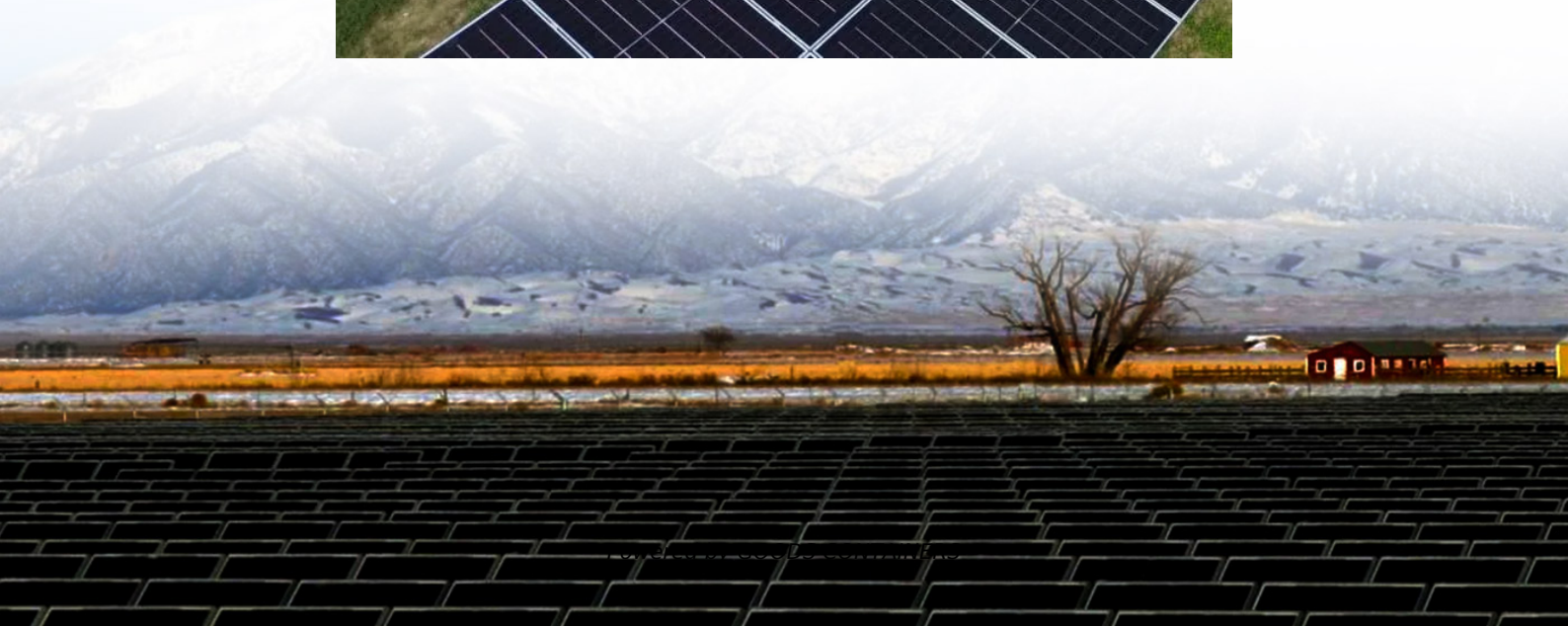


# **Does the RV s 12v power supply pass through an inverter**





## Overview

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How does an RV inverter work?

An inverter uses the RV's 12v batteries to supply the power and inverts the battery 12VDC to become 120VAC power for the outlets. In theory, you can power everything with a large enough inverter, even the air conditioning. However, the inverter cannot provide more power than the battery bank that supplies it.

Does My RV have a 120 volt inverter?

You may have noticed that the 120v wall outlets in your RV only work when plugged into shore power or when using a generator. That probably includes the microwave and TV as well. In most cases, this means your RV may not have an inverter installed, or it has one that powers only specific circuits. To find out more about RV inverters, keep reading.

Does My RV need 120V AC or 12V DC power?

Many appliances and devices require 120V AC power. When your RV is plugged into shore power, you're bringing a source of 120V AC electricity into your RV to power those appliances and devices, just as if you were at home. But the battery bank in your RV provides 12V DC power.

What is an RV power converter?

This is the converter's moment to shine. An RV power converter does two crucial jobs: It "converts" 120V AC power into 12V DC power. This allows you to run all your 12V appliances (lights, fans, water pump, etc.) directly from shore power without draining your batteries.



## Does the RV s 12v power supply pass through an inverter

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Apr 1, 2025 · 3. How the Systems Work Together (Converters & Inverters) The converter bridges the gap between 120V and 12V systems. An Inverter, does the opposite. It takes your 12V and ...

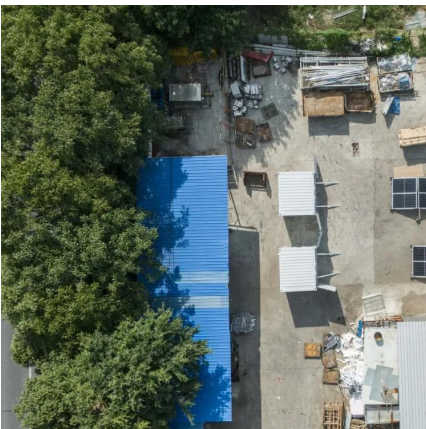
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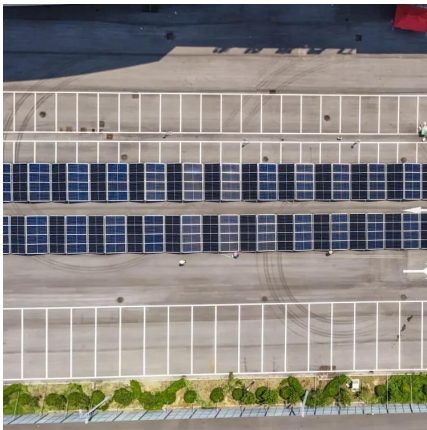
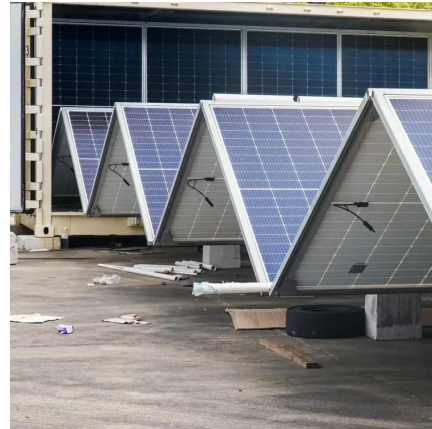
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