



FTMRS SOLAR

# Install the secondary battery inverter





## Overview

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Can I add a second battery to my inverter?

Connecting a second battery to your inverter can expand your power storage capacity, but it requires careful consideration of compatibility, proper wiring, and safety measures. By following the steps outlined in this guide and staying vigilant about maintenance, you can effectively integrate a second battery into your power system.

How do I add a new battery to my inverter?

The process depends heavily on your current inverter and the method used to connect the new battery, known as AC or DC coupling. To ensure safety, performance, and warranty compliance, it's crucial that the expansion is planned and carried out by a Solar Accreditation Australia (SAA) accredited installer.

Should you connect a battery to an inverter in parallel?

Many people prefer to connect batteries and inverters in parallel. This is because there is less limitation on how many batteries you can connect to your inverter at once. The other thing to consider is your battery charger. The bigger your battery capacity and overall amperage, the more powerful your battery charger needs to be.

How do you connect a lithium battery to an inverter?

**BMS Communication Link:** Most lithium batteries come with a built-in BMS that can communicate with the inverter. Ensure that this link is properly established by connecting the BMS output to the corresponding input on the inverter.



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Two Inverters on one Battery Bank

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## Step-by-Step Guide to Installing a Home ...

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### How to Install a Second Battery for an Inverter

Dec 5, 2025 · Comprehensive guide to installing a dedicated auxiliary battery bank for reliable inverter power, covering sizing, charging, and safe system integration.

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