



3 phase inverter with battery in Australia





Overview

As of mid-2025, the leading three-phase solar battery options are Sigenergy's fully-integrated SigenStor, Sungrow's value-packed SH-RT hybrid inverter plus SBR/SBH batteries, and the premium pairing of a Fronius GEN24Plus inverter with modular BYD Battery-Box.

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The following article will discuss inverter options for three-phase homes for solar battery backup. There are many options for three-phase hybrid inverters on the market, however the simplest solution will first be addressed. Three phase backup is useful for appliances that use a lot of power, such.

That's why in 2025, getting the right battery and inverter combo is one of the most important choices you'll make in your solar journey. At Solar Power Nation, we help Australian homeowners cut through the noise and find a setup that balances performance, value, and future flexibility. The inverter.

Three-phase homes need more than storage capacity—they need balanced backup power when the grid drops. As of mid-2025, the leading three-phase solar battery options are Sigenergy's fully-integrated SigenStor, Sungrow's value-packed SH-RT hybrid inverter plus SBR/SBH batteries, and the premium.

So you have a 3-phase supply to your place, and you'd like solar with battery backup?

Pickings were slim in 2018 when we last reviewed the situation. The good news is, since then, many new hybrid inverter models have entered the market, and full 3-phase backup is now possible without dropping crazy.

The Sungrow 25.6kWh hybrid solar package is designed for three phase, large homes. The configuration includes 28 solar panels to maximise your usage of solar. This package is perfect for maximising your solar energy and providing energy independence, with all applicable Federal and State rebates*.



For homeowners or businesses with three-phase power, having a 3-phase solar battery can improve energy efficiency, reduce costs, and support sustainability efforts, depending on usage and system design. But here's the thing—understanding 3-phase battery backup solutions can feel overwhelming.



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iStore Inverter 5000/6000 3 Phase

With advanced design and intelligent energy management, this three-phase inverter provides efficient solar generation and seamless battery integration -- all in one smart, compact system.

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[Want 3-Phase Battery Backup? Here Are Your Options In 2024](#)

There's a good chance your existing Fronius or ABB/Fimer solar inverters will be compatible though. In a similar vein, soon there will be another option available for remote area jobs. A ...

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3 Phase Hybrid Solar Inverters

In Australia, most households are powered by single-phase electricity, but if you happen to live in a larger home, there's a good chance that you'll be connected to the grid ...

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[Best Solar Battery and Inverter Combinations for Australian](#)

Find the best inverter and battery pairings for your home in 2025. Compare Tesla, BYD, AlphaESS, Fronius, Sungrow & more with Solar Power Nation's expert.



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[Sungrow Three Phase Large: 25.6kWh Battery](#)

Contact us about our installer network across Australia! The Sungrow 25.6kWh hybrid solar package is designed for three phase, large homes. ...

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[SolarEdge 3-Phase Battery + Hybrid Inverter Get AU Approval](#)

Solar inverter, optimiser, battery storage and EV charger manufacturer SolarEdge has announced its Home Hub Universal 3-phase inverter was last week approved by the Clean Energy ...

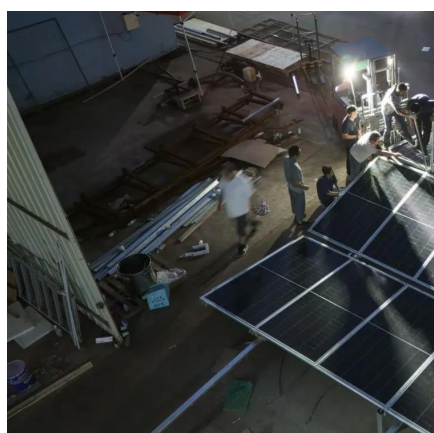
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ETC Series

GoodWe ETC Series is a three-phase battery storage inverter with wide battery voltage range from 200 to 865V. It follows a simple, Plug & Play ...

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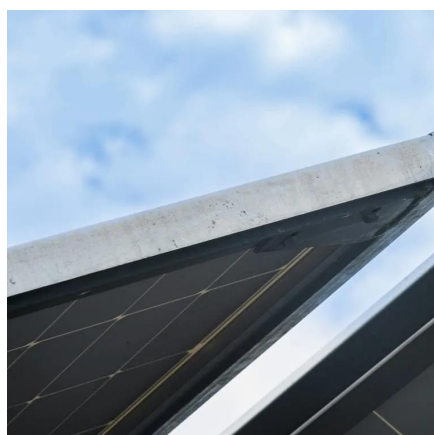
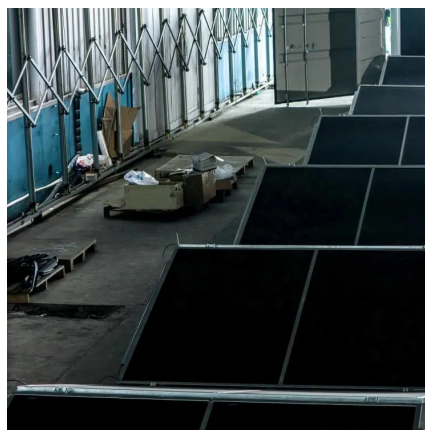
[Top Solar Batteries for Three-Phase](#)



[Homes in Australia](#)

Need a battery for your three-phase solar system? We compare the top 3 batteries in Australia for 2025--performance, backup, compatibility, and value.

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[Sungrow Three Phase Large: 25.6kWh Battery + 10kw Inverter](#)

Contact us about our installer network across Australia! The Sungrow 25.6kWh hybrid solar package is designed for three phase, large homes. The configuration includes 28 solar panels ...

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[Guide to 3-Phase Solar Batteries in Australia](#)

Discover the benefits, installation tips, and top brands for 3-phase solar battery storage. Learn how it can power your home or business seamlessly.

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3 Phase Hybrid Solar Inverters

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[Residential Three Phase Inverter , SolarEdge Australia](#)

SolarEdge's Three Phase Residential Hybrid Inverter (non-backup), with its superior PV design freedom, provides a market-leading solution for residential solar installations.

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[Best Solar Battery and Inverter Combinations for ...](#)

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