

ContainerPower Energy Solutions

Battery storage costs in Australia



Overview

As of May 2025, the average price of solar batteries in Australia ranges from \$900 to \$2,000 per kilowatt-hour (kWh) of storage. Should you buy a battery storage system in Australia?

The attractiveness of a battery storage system varies depending on if you reside in Adelaide, Brisbane, Canberra, Darwin, Hobart, Melbourne, Perth or Sydney. Each city has its own significant variables including sunlight patterns, energy costs and solar system prices.

How much do solar batteries cost in Australia?

As of May 2025, the average price of solar batteries in Australia ranges from \$900 to \$2,000 per kilowatt-hour (kWh) of storage. A 10kWh system typically costs a little over \$10,000, while a larger 16kWh system may approach \$16,000, depending on the brand, performance, and installation factors. Here's a breakdown of average prices.

Are battery storage investments profitable in Australia?

Investments in battery storage within Australia's National Electricity Market (NEM) are increasingly profitable due to higher power price volatility and changing market dynamics, according to the latest report by Wood Mackenzie. Australia is a leader in renewables deployment, but battery storage investments have lagged.

Are home batteries worth it in Australia?

ACT currently offer limited zero-percent loans. WA also offers zero-interest loans for batteries as part of its WA battery rebate. Yes, home batteries are finally worth it for many Australians, especially in states with high electricity prices, good sun, and generous rebates.

How big is the battery market in Australia?

The report shows a growing market for batteries in the NEM, with a massive

pipeline of 60 GW of projects under development representing over AU\$80 billion (US\$50 billion) of potential investment. Over 60 GW of battery storage projects under development in Australia Source: Wood Mackenzie Lens Power Service.

How many home battery systems are there in Australia?

Home battery systems surpassed 250,000 by the end of 2023, accounting for more than 2700 MW hours of capacity. While this number may seem high, around 3.7 million Australian homes have rooftop solar units installed, meaning less than one in 14 households with solar units have home battery systems installed.

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