



# Average rooftop solar battery price per 150MW in Australia

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.

How much does a solar battery cost?

Thanks to falling prices and the federal battery rebate, thousands of households can now expect payback within the warranty period, particularly if they use a lot of power at night or join a Virtual Power Plant. In summary: Price Range: Popular solar batteries have an installed cost between \$8,000 and \$13,000 including the federal rebate.

How long do solar batteries last in Australia?

Lifespan and Warranty: Solar batteries typically last between 5 and 15 years, with warranties covering a portion of this time. Popular solar battery brands in Australia, such as Tesla, LG Chem, and Sonnen, offer a range of products to suit different needs. Each brand provides detailed specifications, ensuring consumers can make informed decisions.

Are solar batteries cheaper in 2025?

Integrated systems are often cheaper and more efficient than retrofitting batteries later. Overall, solar battery prices in 2025 are more affordable and more supported than ever before, especially in Australia, where both national and state-level programs are pushing the transition to clean energy storage.

Are batteries worth it in Australia?

We've been tracking the financial return of batteries in Australia for over a decade and regularly update our analysis of whether batteries are worth it. At the midway point of 2025 was a key turning point in this equation as the federal battery rebate was introduced which offers a discount of around 30% for a typical 10kWh battery.

Are solar batteries a good investment in Australia?

Solar energy adoption in Australia has grown significantly in recent years. With an increasing focus on sustainability, solar batteries have become a crucial component for homeowners and businesses seeking to maximise their renewable energy use.

In 2022, rooftop solar generated 9.3 per cent of Australia's electricity from all forms, and in 2023 this figure rose to 11.2 per cent, providing more than a tenth of Australia's total energy for the ...



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The rooftop solar and battery installation data featured in this report is sourced from our data partner for these Rooftop Solar and Storage reports, SunWiz, with supplementary data from ...

Rooftop solar has a capacity factor of around 14 per cent with one reason for the capacity difference between rooftop and utility scale solar being that utility scale solar has ...

In this comprehensive guide, we'll break down the real numbers behind solar battery pricing in Australia. We'll explore how much a typical 10 kWh system costs after installation, the average price per usable kilowatt-hour (kWh), and what ...

The average size of rooftop solar systems installed in Australia has climbed to a new high, with data analysis from the Australian Energy Council showing the typical unit size is now averaging ...

Solar power in Australia Broken Hill Solar Plant, New South Wales, 2016 Solar car park installed in a commercial shopping centre, 2020 Mount Majura Solar Farm, 2017 Photovoltaics installed capacity and production in Australia Solar ...

How Much Do Solar Batteries Cost in Australia? Solar batteries generally cost around \$1,000 to \$2,000 per kilowatt hour (kWh) of storage capacity in Australia. For example, for a 4kWh battery, you'll probably spend ...

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The Solar Choice Price Index measures the cost of solar power systems on a dollar per watt (\$/W) basis. This pricing metric helps consumers and industry stakeholders understand the average prices of residential solar ...

Ground-mounted arrays cost more than rooftop installations with additional mounting requirements Long AC or DC cabling distances (>50m) Requirements to trench and backfill Concrete, Klip-lok or partly shaded roofs ...

Large Commercial Rooftop Solar (500 kW - 5 MW) Large Commercial Ground Mount Solar (500 kW - 5 MW) Powered by All-in price for a behind-the-meter solar system as 10-year power purchase agreement (PPA)

Despite stronger winter conditions, rooftop solar grew its contribution to Australia's total energy generation mix to 11.3 per cent during the first half of 2024. New South Wales also became the second state to pass one ...

In this guide, we dive deep into the current solar battery price landscape in Australia, covering average costs,



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pricing factors, government incentives, and real-world ROI calculations.

Abstract Around 25% of Australia's electricity is consumed in commercial buildings. Rooftop solar uptake in this sector has lagged households. Impediments include ...

Estimates the energy production and cost of energy of grid-connected photovoltaic (PV) energy systems throughout the world. It allows homeowners, small building owners, installers and ...

The graphs below show average system prices (after STC rebates), based on 9,569 systems installed in the last 2 years, with a line for every state and territory in Australia.

While rooftop solar was driving down energy prices, the cost of gas saw an increase. East Coast wholesale gas prices averaged \$13.60 per gigajoule (GJ) for the quarter, ...

The average size of rooftop solar systems installed in Australia has climbed to a new high, with data analysis from the Australian Energy Council showing the typical unit size is ...

Rooftop Solar Installations: Australia's rooftop solar capacity continued to expand in the first half of 2024. The country added 1,238 MW of new rooftop solar installations with New South Wales ...

Latest data from the Clean Energy Council finds Australia hurtling towards a major new milestone for rooftop solar capacity and adding batteries to the mix at a record rate.

Solar Installed System Cost Analysis NREL analyzes the total costs associated with installing photovoltaic (PV) systems for residential rooftop, commercial rooftop, and utility-scale ground-mount systems. This work has ...

The Clean Energy Regulator's quarterly carbon market report finds rooftop solar capacity in 2024 is likely to have been about 3.2 GW and could set an Australian record.

Levelized cost: With increasingly widespread implementation of renewable energy sources, costs have declined, most notably for energy generated by solar panels. [3][4] Levelized cost of energy (LCOE) is a measure of the average net present ...

Now that we have a sense of the average, let's get familiar with the range of prices you might see for rooftop solar in 2023 and 2024. Comparing rooftop solar prices by company Just like every other good and service - food, ...

Average installed solar battery prices - August 2025 The table below displays average, indicative battery installation prices from a range of installers around Australia, most of whom are active in the Solar Choice ...



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