

Global PV Storage Insights

Average rooftop solar battery price per 30MW in Australia



Overview

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 can Australia reduce the cost of solar battery?

Australia offers various incentives that can significantly reduce the cost of solar battery: Federal Government's Cheaper Home Batteries Program (effective July 1, 2025): This national initiative offers an upfront discount of approximately 30% or up to \$372 per usable kWh of battery capacity.

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 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.

Average rooftop solar battery price per 30MW in Australia



[Rooftop solar and storage report](#)

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 ...

Australia rooftop solar installs fall to 206 MW in August

Australia's rooftop solar market continues to ease with the latest data from market intelligence outfit SunWiz revealing that national installation volumes dropped off by 12% in ...



 LFP 48V 100Ah

What Solar Really Costs in Australia in 2025

Find out what solar really costs in Australia in 2025. See average prices, rebates, battery savings, and key factors that affect your final quote.

Solar Battery Prices: Are Home Batteries Finally Worth It?

With battery rebates slashing prices by 30-40%, discover what you'll pay to add a solar battery in Australia--and if it's finally worth it.



Commercial Solar Prices

Since May 2014, Solar Choice has been publishing average commercial solar panel prices providing based on live information. The data we use comes from our installer ...

Australians are installing batteries at a record rate, as

...

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 Battery Costs in Australia (2025 Guide)

The average solar battery price (installed) in Australia in 2025 is sitting between \$800 and \$1,200 per kWh. That means for a standard 10kWh system, you'll typically pay between \$8,000 and \$12,000 installed.

Battery Boom: Supercharging Australia's Renewable ...

Pairing a battery with rooftop solar almost doubles a household's savings: up to \$2300 less per year on power bills for the average family, compared to \$1500 in savings with solar only.



The extraordinary story of rooftop solar in Australia's ...

The sun is shining, the weather is sweet. In this Opinion and Analysis piece, Lumi Adisa, Director of Energy Market Analytics at NEOM and ex-Investment Director of Energy Markets at Octopus Investments Australia, ...

Commercial Solar Prices

Since May 2014, Solar Choice has been publishing average commercial solar panel prices providing based on live information. The data we use comes from our installer network database, which consists of about over ...



Modular design,
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Solar Installed System Cost Analysis , Solar Market Research

Solar Installed System Cost Analysis NREL analyzes the total costs associated with installing photovoltaic (PV) systems for residential rooftop, commercial rooftop, and utility ...

How much does solar panel installation cost?

While the cost of solar has reduced considerably in recent years, a solar energy system remains a hefty investment for most households. But just how much are solar ...



How Much Does A Solar System Cost in WA?

Average Price of a 6.6kW Solar System after Rebate in WA. Average Price Per Watt for a 6.6kW Solar System after Rebate in WA. To see detailed installation figures and other useful solar ...

Rooftop solar surges ahead in Australia with 1.3 GW ...

The CEC report, developed with data provided by solar consultancy SunWiz, shows that the size of the average rooftop system grew in the first half of 2024 to 9.7 kW, a new bi-annual record.



Solar Battery Prices & Sizes in Australia , Solar Market

Solar battery cost does vary in Australia from state to state, mainly due to the subsidies and incentives offered by some state governments. For all the up to date information on current solar battery rebates available in your state or ...

SOLAR REPORT

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 ...



SOLAR REPORT

Australia's rising share of rooftop solar continues to support the adoption of storage technologies. When comparing the uptake of battery installations with rooftop solar by state (figure 3), South ...

Rooftop solar capacity in 2024 Australia tracking to ...

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.



TAX FREE

ENERGY STORAGE SYSTEM

Product Model
 HJ-ESS-215A(100KW/215KWh)
 HJ-ESS-115A(50KW 115KWh)

Dimensions
 1600*1280*2200mm
 1600*1200*2000mm

Rated Battery Capacity
 215KWH/115KWH

Battery Cooling Method
 Air Cooled/Liquid Cooled

SOLAR REPORT

STATE OF SOLAR IN AUSTRALIA Australian rooftop solar only systems saw a decline in installed capacity and the number of installations in 2022 after a run of five consecutive years ...

How Much Does a Solar Battery Cost in Australia?

In this guide, we'll walk you through everything you need to know about solar battery costs in Australia, from the top brands and their prices to the key benefits and how to ...



Solar Batteries: Everything You Need To Know (Cost, ...

This no-nonsense guide will walk you through solar battery prices, paybacks and brands in Australia so you can decide whether a battery is worth it for you. Then, I'll show you how to pick the right home battery and get ...

[Solar power in Australia](#)

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 ...



What Is the State of Virtual Power Plants in Australia?

In addition, there's the potential for fleet EV charging from rooftop solar at C& I sites. If a C& I solar system is large enough to charge an onsite battery during the day, it could participate in a ...

Labor offers a 30 per cent battery discount and this is ...

Labor has promised to reduce the price of batteries for households, small businesses and community facilities by 30 per cent. Australia is already leading the world on the uptake of rooftop solar



51.2V 300AH

Solar power in Australia

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 ...

Solar Batteries and Pricing in 2025

Solar batteries in Australia remain a popular choice for homeowners seeking energy independence and backup power. The cost of a solar battery depends on its capacity, brand, and installation complexity.



Solar Battery Costs in Australia (2025 Guide)

Find out how much solar batteries cost in Australia, what affects the price, and whether they're worth it for your home. Updated 2025 pricing and advice.

How Much Does A Solar System Cost in NSW?

Average Price of a 6.6kW Solar System after Rebate in NSW. Average Price Per Watt for a 6.6kW Solar System after Rebate in NSW. To see detailed installation figures for any locality in New ...



SOLAR REPORT

Battery installations with rooftop solar Shown in figure 4, 2019 also marked a strong year for home battery installations with rooftop solar PV systems. Queensland led the way due to the ...

Australia has 7.8 GW of utility-scale batteries under ...

The volume of large-scale battery energy storage projects under construction in Australia passed that of solar and wind projects combined in 2023 and the trend has intensified this year, with



Rooftop solar and storage biannual report

Close to 75,000 home battery units were sold in Australia in 2024, up from 46,127 in 2023 There are now 185,798 home battery units installed across Australia. In the second half of 2024, 28.4 per cent of rooftop solar ...

Solar Battery Prices: Are Home Batteries Finally ...

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