

## Global PV Storage Insights

# Average residential solar battery price per 300MW in Australia



**TAX FREE**



### 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



## Overview

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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.

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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 network. Prices include installation, GST and the federal battery rebate. \*Includes the installation of the battery only. You must.

The price you'll pay for a battery with the rebate depends on whether you are: In this guide, I break down the real costs, explain which rebates are available and how they affect your payback. Typical installed prices for popular solar batteries in Australia: \*These prices don't include a hybrid.

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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. Here it is important to note that the prices may vary based on your location, installer.

The cost of a solar battery depends on its capacity, brand, and installation complexity. Here's an overview: Budget Models: \$5,000-\$7,000 (lower capacity, basic functionality). Mid-Range Models: \$8,000-\$12,000 (ideal for average households). Premium Models: \$12,000-\$17,000 (larger capacity).

In 2025, the solar battery cost for Australian households starts from \$4,500, with larger systems exceeding \$12,000. This variation depends on battery size, brand, and whether it's installed alongside solar panels or retrofitted into an existing system. There are two key rebates that can help. How much do solar batteries cost in Australia?

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How much does a 10 kWh solar battery cost in Australia?

The average price for a 10 kWh solar battery ranges between \$8,000 - \$10,000. While the uptake of solar panels in Australia is really strong, the same cannot be said for solar batteries. A newer technology, battery storage has been viewed as expensive - especially when comparing the payback of a battery system against its expected life.

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 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.

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.

## Average residential solar battery price per 300MW in Australia

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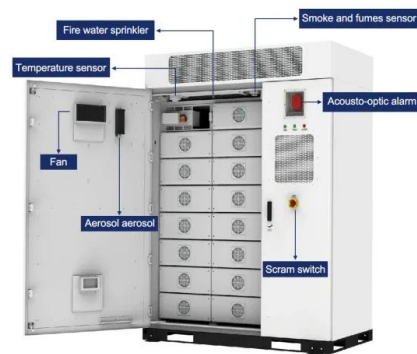


### Solar Battery Price, Savings and Payback

The average solar battery prices we publish include the battery, installation, GST and the federal rebate. Buying a solar battery with panels is cheaper, because the hybrid inverter is included in the system.

### 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

30 per cent of new solar panels nationally in the first quarter of 2023, with Queensland following closely behind with 26.2 per cent (figure 2). While Victoria and Western Australia had a ...

### Solar Battery Prices: Is It Worth Buying a Battery in ...

Solar batteries bring a lot of significant value to a solar system. How much do they cost? Check out the top 6 factors that affect the solar battery price.



## Sizing residential solar & battery systems: A quick ...

What size solar panel array do you need for your home? And if you're considering battery storage, what size battery bank would be most appropriate? This article includes tables that provide an at-a-glance guide, as ...

## 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.



## Plunging cost of big batteries: Latest gigawatt scale ...

The big mover in the CSIRO's GenCost report was the plunging cost of battery storage. One major battery project may already be doing much better.

## Comparing Solar System Prices Across Different Australian States

Check out GES Energy's comparison of solar system costs across Australian states. Find out how prices vary and what factors to consider before making your choice.



### [Big battery bonanza?](#)

Origin has already submitted plans to build a two-stage, 300 MW solar and battery storage project near Morgan in South Australia and has also outlined plans to install batteries at three of its biggest gas power plants - up ...

### [Solar power in Australia](#)

Australia leads the world in residential uptake of solar, with a nation-wide average of free-standing households with a PV system at over 20%. [6] By early 2020, Australia had 10.7 GW of rooftop ...



## 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.

## Cost of electricity by source

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 ...



## **U.S. Solar Photovoltaic System and Energy Storage Cost**

U.S. Solar Photovoltaic System and Energy Storage Cost Benchmarks, With Minimum Sustainable Price Analysis: Q1 2023 Vignesh Ramasamy,1 Jarett Zuboy,1 Michael ...

## **Solar Battery Costs - Are They Worth It?**

Solar Battery Costs in Australia August 2025 Solar Choice publishes average prices regularly, ensuring consumers get the transparency on costs for popular brands. Below is an updated table showing the average ...



## **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.

## Solar Installed System Cost Analysis , Solar Market ...

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 ...

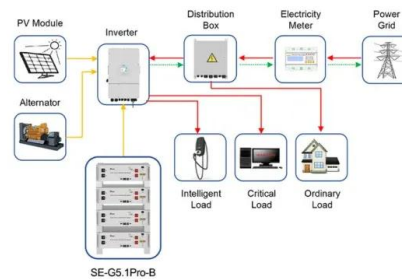


## Solar Farm Cost Investment Unveiled: True Cost of ...

Solar panels: Solar panel prices have decreased significantly in recent years, with the average cost per watt now ranging between \$0.20 and \$0.25. For a 1 MW solar farm, the solar panel cost would be approximately ...

## 1MW Solar System: Compare Prices & Returns , Solar ...

Jeff has also provided independent advice to 100s of residential solar, battery and EV charging customers across every state in Australia. He holds an MBA from the Australian Graduate School of Management and is an ...



Application scenarios of energy storage battery products



## GEM 2024 Solar PV and Battery Projections Report

10Commercial battery systems are a similar size to residential systems because even though these premises have a larger load and are assumed to install a larger solar system than ...

## 2025 Solar Battery Prices in Australia: A Deep Investigation

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 ...



## Comparing Solar System Prices Across Different ...

Check out GES Energy's comparison of solar system costs across Australian states. Find out how prices vary and what factors to consider before making your choice.

## Solar Battery Prices & Sizes in Australia , Solar Market

The solar battery price Australians pay is going down! Learn everything you need to know about solar battery prices/sizes and get yours today to start saving.



## How Much do Solar Batteries Cost in Australia? 2023 ...

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 ...

## Cost Projections for Utility-Scale Battery Storage: 2023 ...

Executive Summary In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration ...



### Energy Insider

Falling battery costs continue a trend identified in a study by Björn Nykvist & Måns Nilsson in March 2015. This study showed that industry-wide cost estimates declined by approximately 14 ...

## SOLAR REPORT

Using a similar methodology to that used to calculate the LCOE of solar PV in Australia (see Section 4), the Australian Energy Council has calculated the payback period for residential ...

**LFP12V100**



## SOLAR REPORT

Despite its smaller number of installations, the Northern Territory is making significant strides in solar energy. By the end of the first quarter this year, 22,946 NT households and commercial ...

## Solar Batteries Australia 2025: Costs, Brands, ...

With electricity prices up 20% in NSW and Queensland since 2023, a solar battery is a smart upgrade for Australia's 4 million solar homes. The federal Cheaper Home Batteries Program slashes costs, making now the ...



## Solar Farm Cost Investment Unveiled: True Cost of Building

Solar panels: Solar panel prices have decreased significantly in recent years, with the average cost per watt now ranging between \$0.20 and \$0.25. For a 1 MW solar farm, the ...

## Solar Battery Guide For Homeowners (2025) , Solar ...

As energy costs rise and feed-in tariffs fall, solar batteries are becoming a smart upgrade for Australian homes. This definitive 2025 guide will help you understand solar battery storage--how it works, what it costs, how ...



## Solar Battery Prices & Sizes in Australia , Solar Market

What is the average solar battery price in Australia? Today, the solar panel battery price Australians pay is approximately \$1,390 per kWh of storage. This means if you were looking at a 6kWh solar battery price guides would put it ...

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