

# **Average rooftop solar battery price per 500MW in Australia**





## Overview

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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.

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Typical installed prices for popular solar batteries in Australia: \*These prices don't include a hybrid inverter (~\$2,200). I've assumed \$3,000 for a good-quality, straightforward installation: no fire-resistant backing required. Caution: If you receive a jaw-droppingly low quote compared to these.

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).

Understanding the distribution of costs between solar panels and batteries can help you budget more effectively: Solar panels: Generally contribute about 50 - 60 percent of the total installed cost after incentives. Battery storage: Makes up roughly 40 - 50 percent, depending on capacity and brand.

Offering a strong balance between affordability, performance, and eligibility for rebates, with average costs ranging from \$10,500 to \$12,000 and a



payback period of 5–7 years with incentives. Larger batteries offer better long-term value, with systems like the 25.6 kWh battery delivering. 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 does a solar battery last in Australia?

With a lifespan of 10–15 years, a battery can generate \$10,000–\$15,000 in savings over its life — while protecting you from rising energy prices and blackouts. Solar batteries are becoming increasingly accessible in Australia, especially in 2025 with robust government rebates and rising energy costs.

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 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.



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### SOLAR REPORT

The average solar system size has increased consistently in Australia every year. Last year was another record year for the average solar system size in every state. Australians installed an ...

### [Solar & Battery Price Index Across Australia](#)

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)

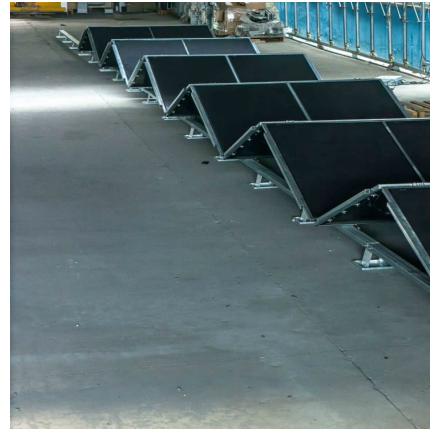


### [Solar Battery Cost in Australia 2025](#)

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 ...

### 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 ...



### 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 ...



### 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.



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

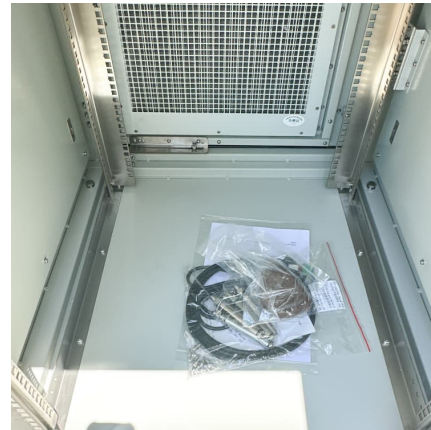
Ground-mounted arrays cost more than rooftop installations with additional mounting requirements Long AC or DC cabling distances (>50m) Requirements to trench and ...





## Solar Farms in Australia

How much power does a solar farm produce? A typical solar farm can produce between 1 to 2 megawatt-hours (MWh) per acre per year. For instance, a 100 MW solar farm might cover around 200 to 500 acres and can ...



## [Solar Battery Storage System Cost \(2025 Prices\)](#)

A solar battery costs \$8,000 to \$16,000 installed on average before tax credits. Solar battery prices are \$6,000 to \$13,000+ for the unit alone.

## SOLAR REPORT

STATE OF SOLAR IN AUSTRALIA According to the latest data from the Clean Energy Regulator (CER), a substantial increase in rooftop installations was recorded in the second quarter of ...



## [Solar Battery Prices: Are Home Batteries Finally ...](#)

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.



### [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.



### [What's a Good Price for Rooftop Solar in 2024?](#)

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, ...

### [Solar Battery Cost: Why They're Not Always Worth It](#)

How much do solar batteries cost? Solar battery costs vary significantly across brands. Different companies offer different battery sizes, so the easiest way to compare costs is to look at the price per kilowatt-hour ...





### [Solar Battery Storage System Cost \(2025 Prices\)](#)

A solar battery costs \$8,000 to \$16,000 installed on average before tax credits. Solar battery prices are \$6,000 to \$13,000+ for the unit alone.

## SOLAR REPORT

Figure 1 shows the number of monthly installations with the average monthly system size installed across Australia. New installed rooftop capacity is expected to be higher than currently ...



### [U.S. Solar Photovoltaic System and Energy Storage Cost](#)

Executive Summary This report benchmarks installed costs for U.S. solar photovoltaic (PV) systems as of the first quarter of 2021 (Q1 2021). We use a bottom-up method, accounting for ...



## 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 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 ...



### [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 ...



### [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 ...





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



### [CSIRO analysis reveals large-scale solar still](#)

The CSIRO GenCost report shows renewables remain the cheapest new build electricity technology in Australia, with utility-scale solar emerging as the golden child, despite inflationary pressures, supply chain ...

### **Rooftop solar generates over 10 per cent of Australia's ...**

16 Apr 2024 Rooftop solar now accounts for 11.2 per cent of Australia's electricity supply, according to the Clean Energy Council's new Rooftop Solar and Storage Report, published today.



### [Solar Battery Guide For Homeowners \(2025\), Solar Choice](#)

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 ...



### 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 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 ...

### [Average rooftop solar system sizes surpass 9 kW in ...](#)

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 Panel Costs In Australia: Price Index 2025](#)

Explore all about solar panel costs in Australia, 2025. Compare state wise solar panel costs, rebates, and payback periods to make solar decisions.

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