

How many kilowatts of solar panels are installed in Sydney



Overview

In Sydney, New South Wales (NSW), solar adoption is rapidly growing, with over 71 small-scale systems installed, boasting a collective capacity of 1,895 kW as of October 2024. This adoption rate indicates that roughly 25-30% of households in Sydney have home solar systems. Understand the Australian solar PV market with live generation data, historical maps, and tools to explore rooftop PV potential and per-postcode market penetration. This project was funded by the Australian Renewable Energy Agency. If data or information from the APVI/ARENA Solar Map are quoted or . Small scale solar systems installed in NSW represent around 8. With a population of around 8,593,871 (June 2025 - ABS), there's been approximately 946 watts of solar PV capacity installed on a per capita basis in the state compared to Australia's average of around 1 kilowatt (kW).

How many kilowatts of solar panels are installed in Sydney



Australian Photovoltaic Institute

Estimated photovoltaic output as a percentage of its maximum capacity in each state, including forecast performance. Performance data are sourced at up to 5 minute intervals from more

Australian Photovoltaic Institute o Market Analyses

The following graphs show the rated capacity of solar PV installed in each month. The rate of installations has been influenced by changes in the policy mechanisms that have supported this



[How many kilowatts of motors are installed in Sydney solar power](#)

Analysis of the local market indicates that as of late 2023, over 300,000 households have opted for solar panels, collectively harnessing over 400,000 kilowatts.

Sydney Solar Installations , Energy Matters

In Sydney, New South Wales (NSW), solar adoption is rapidly growing, with over 71 small-scale systems installed, boasting a collective capacity of 1,895 kW as of October 2024. This



[How Many Kilowatts of Solar Panels Are Installed in Sydney? Key](#)

Over 450,000 households and businesses across New South Wales had installed solar PV systems

by mid-2023, with Sydney accounting for approximately 40% of this capacity.

Australian Photovoltaic Institute o PV Postcode Data

Explore per-postcode domestic and commercial PV across different installation sizes. Scroll and select from the postcodes on the right to add them to the data set.



SOLAR REPORT S

ransition. Recent figures from the Clean Energy Regulator (CER) reveal that by the end of 2024, the capacity of rooftop solar installations for homes and businesses had surpassed 25.3 GW, with over

Australian Photovoltaic Institute o APVI Solar Maps

Understand the Australian solar PV market with live generation data, historical maps, and tools to explore rooftop PV potential and per-postcode market penetration.



Home Solar Power In New South Wales

A new 6.6 kilowatt solar power system installed on a north facing roof in Sydney could be expected to produce an average of a bit over 26 kilowatt-hours of electricity a day; or 9,783 kilowatt

[Australian Photovoltaic Institute o Mapping Australian Photovoltaic](#)

For each postcode, local government area, and state electorate, the map shows the estimated percentage of houses that have a PV system and the total photovoltaic capacity installed.



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.bartstudio.biz>