



# Australian rooftop solar power station





## Overview

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With Australians installing about 300,000 rooftop systems a year, 1 in 3 Aussie homes now have rooftop solar. Solar uptake has been driven by the Small-scale Renewable Energy Scheme (SRES) which cuts upfront costs by about 30%. Australia's rooftop solar fleet continues to expand with a combined 28.3 million installations across the country. From pv magazine Australia A new report from the Clean Energy Council (CEC) shows Australian homes and. The Clean Energy Council's bi-annual Rooftop Solar and Storage Report (Jul-Dec 2025), shows more than 183,245 battery units were sold in the second half of 2025 alone - a four-fold increase compared to the same period in 2024. 8 gigawatts of clean power generation capacity connected directly to local electricity networks that serve homes and businesses. But as battery demand surged, the council noted that Australians may have.



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### [Australia's rooftop solar hits 28.3 GW as home battery uptake surges](#)

Australia's rooftop solar fleet continues to expand with a combined 28.3 GW of generation capacity commissioned by the end of 2025 with approximately 4.3 million installations across the ...

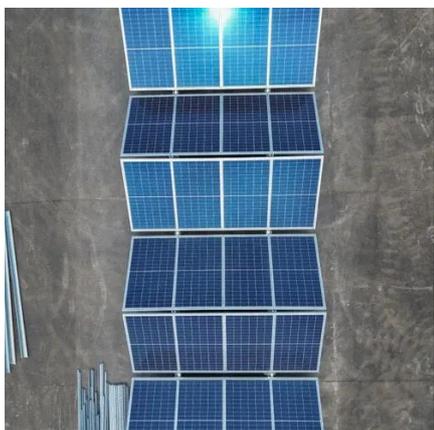
### [Rooftop solar becomes Australia's dominant power source](#)

Australia's rooftop solar market continues its ascent, with a surge in household battery uptake delivering a fresh boost to installations. The Clean Energy Council's



### [Australia's 2025 Solar & Battery Boom: Rooftop PV Reaches 28.3 GW](#)

In 2025, Australia's rooftop solar capacity reached 28.3 GW, surpassing coal power, while home battery installations quadrupled, driven by new government programs and a market shift ...



### [Record home battery surge charges up Australia's biggest power ...](#)

The report found rooftop solar installations continued to shine brightly, with more than 139,080 units installed in the latter half of 2025. Rooftop solar installations cooled slightly during 2025 ...



### [Australia renewable energy: As rooftop solar overtakes coal, more](#)

Australia has long ranked as a world leader in per-person solar uptake, with more than 4 million homes - or one in three - fitted with rooftop solar panels.



### **Balancing Australia's ocean of electricity**

Australia is leading the world in rooftop solar adoption. By June 2025, 4.2 million rooftop solar systems had been installed nationwide representing 26.8 gigawatts of clean power generation ...



### [Australia rooftop solar: Impressive 12% Power by 2025](#)

Australia powers ahead on rooftop solar, with new data showing rooftop solar provided 12.8 per cent of the nation's electricity generation in the first half of 2025. The ESOO projects that ...



### [Australia's rooftop solar hits 28.3 GW as](#)



## home battery uptake surges

From pv magazine Australia A new report from the Clean Energy Council (CEC) shows Australian homes and businesses installed 2.6 GW of new rooftop solar capacity during 2025, ...



## Battery demand 'straps on a rocket' as rooftop solar passes its peak

A powerhouse of sunshine Australia's combined rooftop solar capacity is now its greatest single source of power.



## **Australia hits rooftop solar milestone**

With Australians installing about 300,000 rooftop systems a year, 1 in 3 Aussie homes now have rooftop solar. Solar uptake has been driven by the Small-scale Renewable Energy ...





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