

YOUR HOW TO GUIDE For Installing Rooftop Solar

SAVE MONEY. PROTECT THE PLANET. POWER YOUR FUTURE.

Why Go Rooftop Solar?



Cheapest Power

Save Money with Lower Energy Bills for Many Years
Produce your own free power during the day. Solar is Australia's cheapest source of delivered energy. Panels now have a 25 year warranty or more.

Example: A 5-6kW system saves \$1,500 to \$2,000 annually. A 10kW system saves \$2,000 to \$5,000 annually. Save money as energy prices increase.

You also benefit from Government incentives
Federal Government small-scale technology certificates (STCs) provide a substantial upfront discount.



Energy Independence and Resilience

With solar, you are less affected by price hikes. With a battery you can maintain power during local blackouts (if your system has backup capability).



Property Value Increase

Homes with solar panels sell faster and at higher prices.
Example: Solar panels boost the value and sale price of a home value (Domain Sustainable Homes Report 2025).



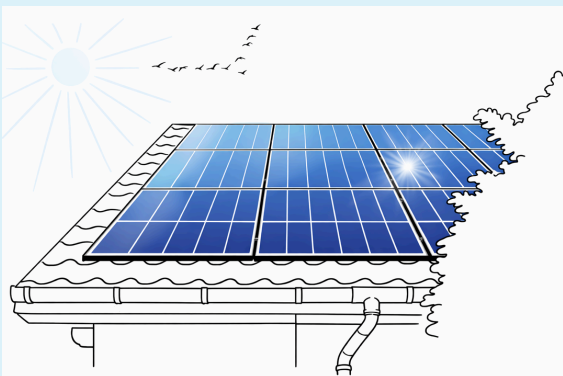
Community Benefits

Installing solar and electrifying homes across Australia creates more local jobs.



Better For The Environment Far Fewer Emissions

Generate clean electricity from the sun, rather than buying gas and coal which causes air and environmental pollution.



Your Solar Installation Checklist



What Size Do I Need?

Check Your Power Bills

Add up your summer and winter electricity use to estimate your yearly kWh.



What Size Can I fit?

Estimate Your Roof Space

Check your roof size to estimate how many panels fit, and check roof direction for orientation. North-facing are 100% efficient. East and West-facing are 85% to 90% efficient but production starts earlier and continues for longer.



Check Federal, State and Council Rebates and Incentives

Your Installer Handles the STCs

Visit energy.gov.au, your state government's website and your Council's website.



Get Quotes from Licensed Installers

Find reputable local installers. Ask friends and families who they used. Try solarquotes.com.au and solarchoice.net.au.



Compare Quotes and Choose Installer

Compare system sizes, brands, and price. Compare their advice, suggested panels and inverters, and warranties.



Physical Installation, Safety Check, and Certificate of Compliance

Installation usually takes 1 day. This includes mounting the racking, installing the panels, and mounting the inverter and battery if selected. The installer tests the system, ensures wiring meets Australian Standards, and provides you with a compliance certificate.

References:

- yourhome.gov.au/energy
- energy.gov.au
- rewiringaustralia.org
- solarchoice.net.au
- sunenergy.com.au/solar-panels-now-boost-home-value-by-over-23000-even-before-energy-bill-savings-kick-in/
- esteemenergy.com.au/how-much-will-a-5kw-solar-system-save-me/ <https://www.solarchoice.net.au/system-size/10kw-solar-system/>

This guide is for information purposes only, it is not professional advice, and Zero Emissions Solutions has no liability. Please do your own research and chat with a professional to make the best decision for your home.