

# Maximum solar system size victoria





## Overview

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We've written extensively on this topic (resources below), but as a rule of thumb, a 6.6kW solar system is both affordable and meets most of Australia's network requirements for a simple approval process and permission to export (receive a feed-in tariff). A system of this size will generally.

First, you'll need to know who your Distributed Network Service Provider (DNSP) is, as their permission will be needed to connect a solar power system to their electricity network. The distributors in Victoria are: Each DNSP has rules on inverter limits, indicated in the table below. Also shown in.

The size of a rooftop solar system refers to the total power-generating capacity of all the solar panels, measured in kilowatts (kW). The system size depends on the number of solar panels and the rated capacity of the panels. System size is measured in kilowatts (kW). One kilowatt (1 kW) = 1000.

Learn about the timeline and process for installing a solar or battery system up to 30kW capacity. If you are: a registered electrical contractor (REC) who is an authorised representative of the customer. And you're designing a solar and/or battery system that is: export limited - must comply with.

They're typically set to 5 kW per phase, so single-phase systems have a 5 kW limit while 3-phase homes have an upper limit of 15 kW. It's also your local electricity network that sets up these limits—and they have good reasons for them, too. This article covers the upper limit capacities, state.

The following list is a guideline of the limits for pre-approved solar system sizes per state. But for the most up-to-date information, homeowners should



check with their local energy distributor, as system size limits and regulations can vary by region and are subject to change. Energy Retailer: Are there a solar system size limit?

But have you ever wondered if there are solar system size limits?

Yes, yes, there are. They're typically set to 5 kW per phase, so single-phase systems have a 5 kW limit while 3-phase homes have an upper limit of 15 kW. It's also your local electricity network that sets up these limits—and they have good reasons for them, too.

What is the average solar system size in Australia?

From CER, 2024 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 average system size of 9.13 kW in 2023, with several jurisdictions (NSW, Queensland, SA, the ACT, and the NT) installing even.

How big should a solar system be?

The amount of available sunny roof area can often be a limiting factor when deciding what system size to install, particularly for household solar systems in urban areas. One residential solar panel is often around 1.7 m<sup>2</sup> in area. A common 6.6 kW system might take up 29 – 32 m<sup>2</sup> of roof space, depending upon the rated capacity of the panels.

How many kW inverters can I use in Victoria?

Information for Victoria is current as at Jan 2025. Single phase: 10 kW inverter limit. 5kW export limit. Anything over these capacities may be allowed but will require a generator agreement to be signed by the customer. Three phase: 30 kW inverter limit. 15kW export limit (must be set to 5kW on each phase).

How do I find a suitable rooftop solar system size?

Get an estimate of a suitable rooftop solar system size for your home or business needs. SunSPOT is a not-for-profit solar calculator built specifically to help householders and small businesses with reliable, free estimates.

Can I get fit if my solar system is too big?

Whilst it's possible to gain approval for a size larger than these limits it may



have implications on whether you can receive the Feed-in Tarif (FIT) for any excess energy your system generates. The following list is a guideline of the limits for pre-approved solar system sizes per state.



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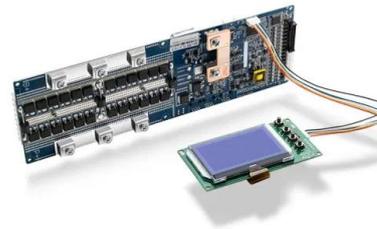


### [What Size Solar System Do I Need? A ...](#)

It can be difficult to know what the best size solar system for you is. Solar salesmen frequently receive incentives to encourage customers to purchase the largest possible system. Usually, it won't deliver the best return ...

### [Solar Panel Sizes Australia , Solar Market](#)

What Size Solar System Do I Need? The best way to determine what solar system size is suited to you is to look at three key factors: physical space, energy requirements and price. Physical Space - Solar Panel Size Australia The ...



### [Rooftop Solar Power Panels: How many can you install?](#)

There are limits to the size of the solar panel system you can install on your rooftop. Naturally, there is only so much weight your roof can support! But a less obvious limit sets how much energy your rooftop solar ...

### [Choosing the Right Size Solar System in Victoria](#)

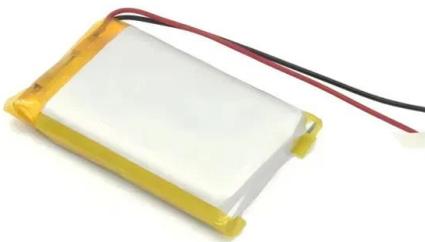
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Choosing the right size solar panel system for your Victoria home involves considering a variety of factors, including your electricity usage, the size of your roof, your budget, your solar goals, and the available space for panels.



### Choosing the Right Size Solar System in Victoria Home , Pro-Solar

Choosing the right size solar panel system for your Victoria home involves considering a variety of factors, including your electricity usage, the size of your roof, your budget, your solar goals, ...



### [Red Earth BlackMax , Off-Grid System](#)

Discover the first Australian off-grid battery storage system approved by the Clean Energy Council. Now upgraded and suitable for both off-grid and on-grid use. Experience reliable energy storage with many new and improved features.



### [Solar Panel Sizes and Wattage Explained](#)

2. Solar Calculator Their solar panel size calculator tool makes it easier to determine the best PV system for your home by collecting household data and system preferences. Solar Calculator provides useful data by ...





### [10kW Solar System: Compare Prices & Returns](#)

10kW solar systems are a great investment for Australian homes with high levels of electricity consumption or businesses with relatively small electricity needs. This article takes a look at 10kW solar system pricing, energy ...



### [Small-scale renewable energy systems , Clean ...](#)

Types of small-scale renewable energy systems  
There are 6 types of small-scale renewable energy systems eligible under the scheme: solar photovoltaic (PV) solar batteries wind turbines hydro systems solar water ...



### [What's The Maximum Size Solar System I Can Install?](#)

Find out the maximum size solar system you can install in Victoria depending on your location and phase connection. Compare the limits and restrictions for single phase and 3 phase properties across different energy retailers in Victoria.



### **Section 4: Finding the right solar panels for your system**

Why is panel wattage and size important? When buying a solar panel system the main specification to be familiar with is the system size in watts. For example, a 3kW system may be made up of twelve 250 watt panels. This watt ...





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