

Should you upgrade your solar system with a single inverter?

If you're using a single inverter, you may be limited in what panels you can use to keep your system running efficiently and smoothly. When upgrading your solar system, you're almost always better off using panels identical to those in your existing system.

How do I upgrade my solar power system?

Add solar panels to your existing string inverter (if that's possible). Add panels with microinverters. Add a second solar power system. Remove (or move) the old system and replace with new. I'll go through each upgrade option to help you decide the best one for your roof.

Can I upgrade my solar system to a 5kW inverter?

In this scenario, you could upgrade to a 5kW inverter and an additional 2kW-3kW of panels. Your new and existing solar system systems will operate side by side. Typically, residential properties in WA have a maximum total inverter capacity of 5kW so they remain eligible for the Synergy feed-in-tariff.

Can I upgrade my inverter?

If your existing inverter is already working near to its full capacity, for example 3kW-4kW of panels with a 3kW inverter, you have two choices: upgrade to a 5kW inverter and add an additional 2kW-3kW of panels, or your new and existing solar systems will operate side by side.

What does a solar inverter do?

It is a critical bridge between the solar panels and the systems that consume the energy produced. Generally boasting a conversion efficiency range between 93% and 99%, the solar inverter's performance directly impacts the overall efficiency and function of a solar power system. [When Does a Solar Inverter Need to Be Replaced?](#)

How do I increase the size of my rooftop solar system?

If you want to increase the size of your existing rooftop solar system, you typically have 4 options for upgrading: Add solar panels to your existing string inverter (if that's possible). Add panels with microinverters. Add a second solar power system. Remove (or move) the old system and replace with new.

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