



# Tesla home energy storage system installation

How do I choose a Tesla Powerwall system?

There are many variables such as climate, home orientation and energy use goals, that make each home unique. For a final detailed recommendation on system design, talk to your Tesla Advisor or a Tesla Certified Installer. Typically, your Powerwall system consists of: Powerwall 3, Powerwall+ or Powerwall 2

How does Tesla Powerwall work?

When the system is installed with solar, Powerwall stores the excess solar energy produced to power the home when the sun isn't shining. Installation should only be performed by a Tesla Certified Installer. Additionally, installation videos can be found through our Installer Academy or Tesla One. Download the Tesla One app to get started.

How does a Tesla backup gateway work?

Like the rest of Tesla's products, the Backup Gateway gets over-the-air updates and can control up to ten Powerwalls. It also learns from and adjusts to your energy usage over time. When combined with a solar photovoltaic system, solar energy starts to power the house when the Sun rises.

Is a Tesla Powerwall a good investment?

If you're a solar homeowner or are worried about rising energy costs, a battery storage system like the Tesla Powerwall might be the best investment you ever make. The Tesla Powerwall minimizes the electricity your home needs to draw from the grid, making your home more self-sufficient.

How many Tesla Powerwalls do I Need?

Most homeowners only need one or two Powerwalls for energy storage, but some require three or more to fully go off-grid. Tesla Powerwalls qualify for many solar incentives, such as the federal solar tax credit, which amounts to 30% of the Tesla Powerwall's cost. \*Certified installers vary by region--we always recommend requesting multiple quotes.

What is a Tesla Powerwall 3?

The battery has gone through a few versions, including the Tesla Powerwall 2 and Powerwall+. The most recent version is the Powerwall 3, which became available in early 2024. Here's a look at the Tesla Powerwall 3's features and specs. Depth of discharge measures how much power you can draw from a battery before its recharging efficiency drops.



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