Power Everything With Tesla Powerwall 3

Powerwall
Certified Installer

Product Overview

Powerwall is a powerful, compact home battery with an integrated solar inverter that stores energy generated by solar or from the grid. Use stored energy to power your home 24/7—even during outages.

With customisable power modes, you can optimise your stored energy for electricity bill savings, outage protection and more.

- **Built-in Solar Inverter**
- **Best Value & Savings**
- **Reliable and Durable Design**
- **Whole-Home Backup Protection**
- **Easy System Expansion**

One Ecosystem

Powerwall can support EV home charging needs—with custom settings to charge with solar energy and save on energy costs.

Charge on Solar

Allows Tesla vehicles to recharge using excess solar, maximising self-consumption.

Learn More

More Savings.
More Power.
More Backup.

Powerwall stores your solar energy for use 24/7, to use when energy costs are high, or when the grid goes down.

Powerwall can power your entire home, including your A/C, large appliances and electric vehicle. Designed for easy system expansion.

Key Features

A powerful, compact home battery with an integrated solar inverter - allowing for increased electricity bill savings and easy system expansion. Powerwall 3 continues to receive new features and improved functionality through software updates.

Built-In Solar Inverter

An integrated solar inverter efficiently converts solar energy into stored electricity, allowing the system to capture more solar energy in the process.

Best Value & Savings

Produce more solar energy and customise usage settings for greater value and lower electricity bills.

Reliable and Durable Design

Designed and engineered for reliability and durability. Capable of withstanding challenging climates, it can be installed indoors and/or outdoors.

Whole-Home Backup Protection

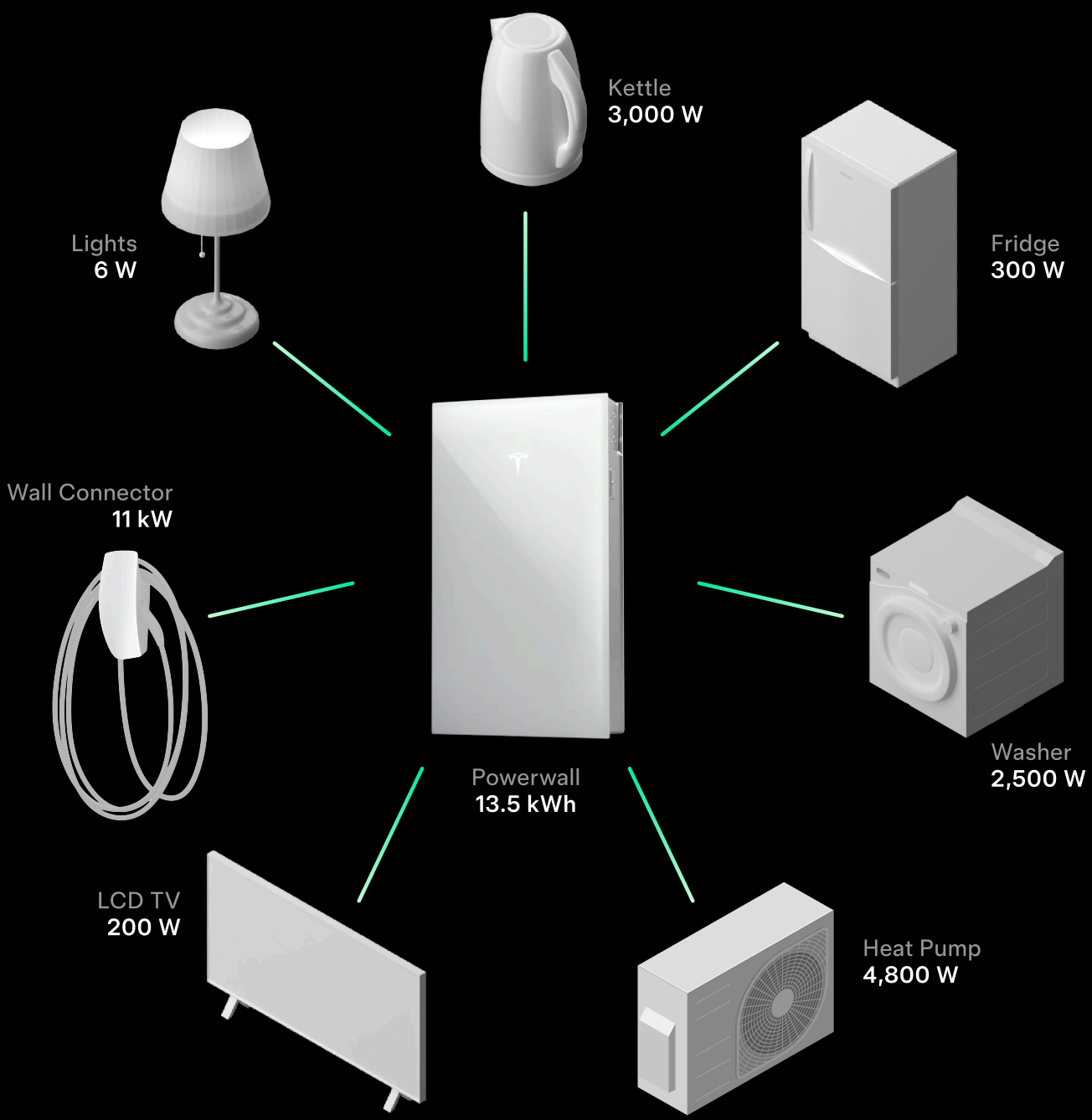
Increased backup power allows you to power more items at the same time with up to 10 kW of continuous power.

Easy System Expansion

Designed to allow for easy stacking as household energy needs increase.

A Battery to Power Everything

Powerwall's output allows it to power most appliances in your home or business simultaneously.



Depending on market conditions

Monitor and Control Your Energy in Real Time

Remotely monitor and optimise your home's energy storage and usage 24/7 through the Tesla app.

Monitor and manage your system with the Tesla app, including regular updates for improved functionality. Download the app and learn how Powerwall stores your solar energy and protects your home.

Scan to download and experience demo Powerwall in the Tesla app.

Select 'Continue as a guest', and scroll down to start.

Enough Energy to Meet Your Needs

Powerwall 3 Expansion units give you access to more backup power during an outage or when going off grid. Each Expansion unit adds 13.5 kWh of storage to your system and connects directly to Powerwall 3 with no additional inverter required. Add up to three Expansion units per Powerwall 3.

Scalable Storage

- Ability to stack up to three Expansion units behind a Powerwall 3
- Choose between wall mounted or stacked configuration
- Ability to stack in ground mount configurations
- Meets all product and compliance safety standards
- Refer to local building code and requirements before stacking

Configuration	Total Storage	Customer Need
Powerwall 3	13.5 kWh	Small homes with lower energy needs. Power the basics like a coffee machine, TV, dishwasher, washing machine and A/C.
Powerwall 3 + 1 Expansion Unit	27 kWh	Medium homes with growing energy needs. Powers the basics with capacity for higher energy appliances and electric vehicle charging.
Powerwall 3 + 2 Expansion Units	40.5 kWh	Large homes or high-energy lifestyles. Supports daily usage plus pool heating and pumps, with extra capacity to charge two electric vehicles.
Powerwall 3 + 3 Expansion Units	54 kWh	Extra-large homes or energy-intensive lifestyle. Supports the basics as well as extras like a home office, energy intensive activities and daily electric vehicle charging.

Tesla Backup Gateway

Tesla Backup Gateway provides energy management and monitoring for the Tesla app and is purchased and installed alongside Powerwall.

This device automatically detects outages and controls connection to the grid, transitioning to backup power with minimal interruption.

Specifications

Size and Weight

H x W x D
584 x 380 x 127 mm
11.4 kg

Mounting Options

Wall mount

Breaker Space (DIN Rail)

Main breaker:
1-, 2- or 3-pole

Generation/load breakers:
6 spaces

Tesla Wall Connector

The Most Convenient Universal Home Charger

Wall Connector is the most convenient charging solution for homes, apartments, hospitality properties and workplaces.

Connecting Wall Connector to a local Wi-Fi network enables it to receive over-the-air firmware updates, access controls, remote diagnostics access and usage data tracking.

4-year warranty for residential uses, 1-year for commercial.

Wall Connector is compatible with all EVs and can provide up to 75 km of range per hour of charge, with up to 11 kW / 32 amp output.

Most cost effective and versatile solution in the market.

Powerwall 3 Specs

Power

Energy Capacity

13.5 kWh

On-Grid Power

Up to 10 kW, depending on local conditions

Backup Power

Up to 10 kW, depending on local conditions

185 A motor start

Quick backup transition

Inverter

Solar-to-grid efficiency 97.5%

3 solar inputs with Maximum Power Point Trackers

Features

Size and Weight

H x W x D
1,099 x 609 x 193 mm
130 kg

Scalable

Up to 4
Powerwall 3 units

Installation

-20°C to 50°C

Flood and dust resistance*

Integrated inverter and system controller

*Flood resistant up to 0.6 m

Certification

Meets local safety and EMI standards

Warranty

Duration

10 years, comprehensive parts and labour coverage

Get a Quote

Contact us with any questions you may have or for a personalised quote for installation, including third-party solar panels if needed, to ensure your system meets your home's energy needs.