

Experience
Energy
Independence

T E S L A

Power Everything

Prepare your home for a clean energy future with greater energy security, self-sufficiency and savings.

1 Solar Panels

Convert energy from the sun into electricity that can power everything in your home, from appliances to electric vehicles

2 Powerwall

Store the excess energy your system generates for use at night or during an outage for 24/7 backup protection and energy savings during peak hours

3 Wall Connector

Charge electric vehicles at home with multiple power settings and up to 71 km of range per hour

4 Tesla App

Monitor and manage all the products in your Tesla ecosystem in one place and see how your energy flows



Product Overview

Power your home and electric vehicle with clean energy and reduce your reliance on the grid.

With solar, you can generate more energy than you need. By combining solar with Powerwall, a rechargeable home battery, you can store excess energy for use anytime—even during a power outage.

Monitor the clean energy you produce and manage your system through the Tesla app with 24/7 remote access.



Backup Protection

Powerwall is a battery that stores energy, detects outages and automatically becomes your home's energy source when the grid goes down. Unlike generators, Powerwall keeps your lights on and phones charged without upkeep, fuel or noise. Pair with solar and recharge with sunlight to keep your appliances running for days.

Powerwall can detect a power cut, disconnect from the grid and automatically restore power to your home.

With Powerwall's 5 kW continuous power output, your home or business keeps running with little disruption.

To maximise your Powerwall energy supply during a grid outage, we recommend being aware of which appliances may be energy-intensive and should be used sparingly.

Standard Appliances

Use Normally



Wifi



Refrigerator



Phone



Lights



Television



Microwave

Energy-Intensive Appliances

Use Sparingly



Dishwasher



Washer/Dryer



Pool Pump



A/C



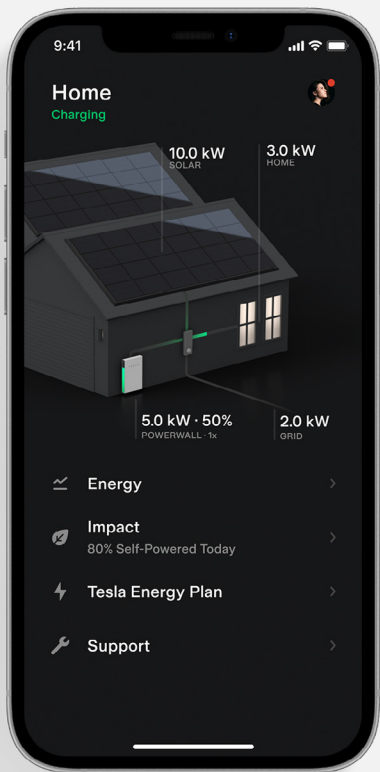
Heating
incl. Under Floor



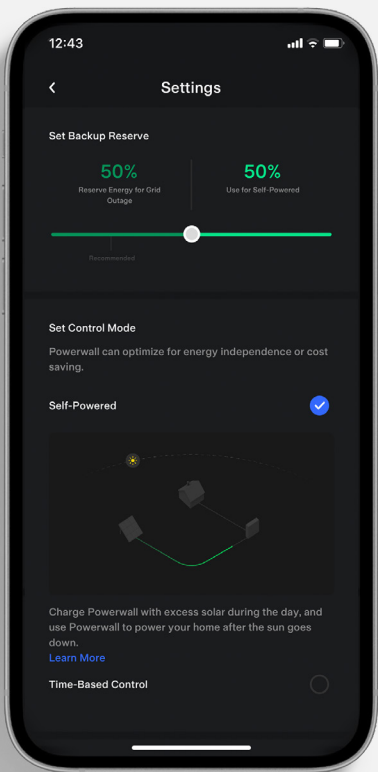
Car Charging

24/7 Control

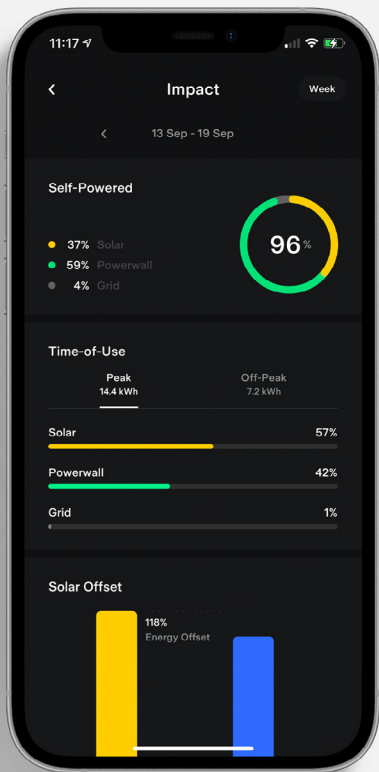
Monitor your energy production and consumption in real time and optimise your system for energy independence, outage protection and savings.



Manage and track your energy with instant notifications, simplified graphs and easy navigation



Prepare your system for outages and recharge with sunlight to keep your appliances running



Learn how your system uses energy on a daily, weekly or monthly basis

Compact & Simple

With easy installation and no required maintenance, Powerwall is a completely automated system that is compatible with any home.

Liquid thermal controls, independent fuses and touch-safe technology deliver maximum battery life and added safety.



Specifications

Usable Capacity	Continuous Power
13.5 kWh	5 kW
Scalable	Operating Temperature
Up to 10 Powerwalls	-20°C to 50°C
Efficiency	Peak Power
90% Round-trip	7 kW
Weight	Gateway 2
114 kg	380mm x 584mm
Warranty	11.4 kg
10 Years	