

**POWERWALL**

Rechargeable solar battery



## Product Overview

Power your home and electric vehicle with renewable energy you control and reduce your reliance on the grid.

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

Monitor what energy you produce and control your self-powered system with 24/7 access using the Tesla app.



# Your Tesla Ecosystem

## 1 Solar Panels

Solar panels convert the sun's rays into usable energy for your home and tops up your Powerwall with clean energy to use when you need it

## 2 Charging

Charging at home is as easy as charging your smartphone. Just plug your Tesla vehicle in overnight and wake up to a full battery

## 3 Power Everything

Powerwall's 5kW continuous and 7kW peak power output allows you to power everything from your lights and refrigerator to your washing machine

## 4 Tesla Powerwall & Backup Power

A home battery that stores excess energy from your solar panels for use day or night to self-power your home and vehicle, even during a blackout



Power your home and top  
up your powerwall



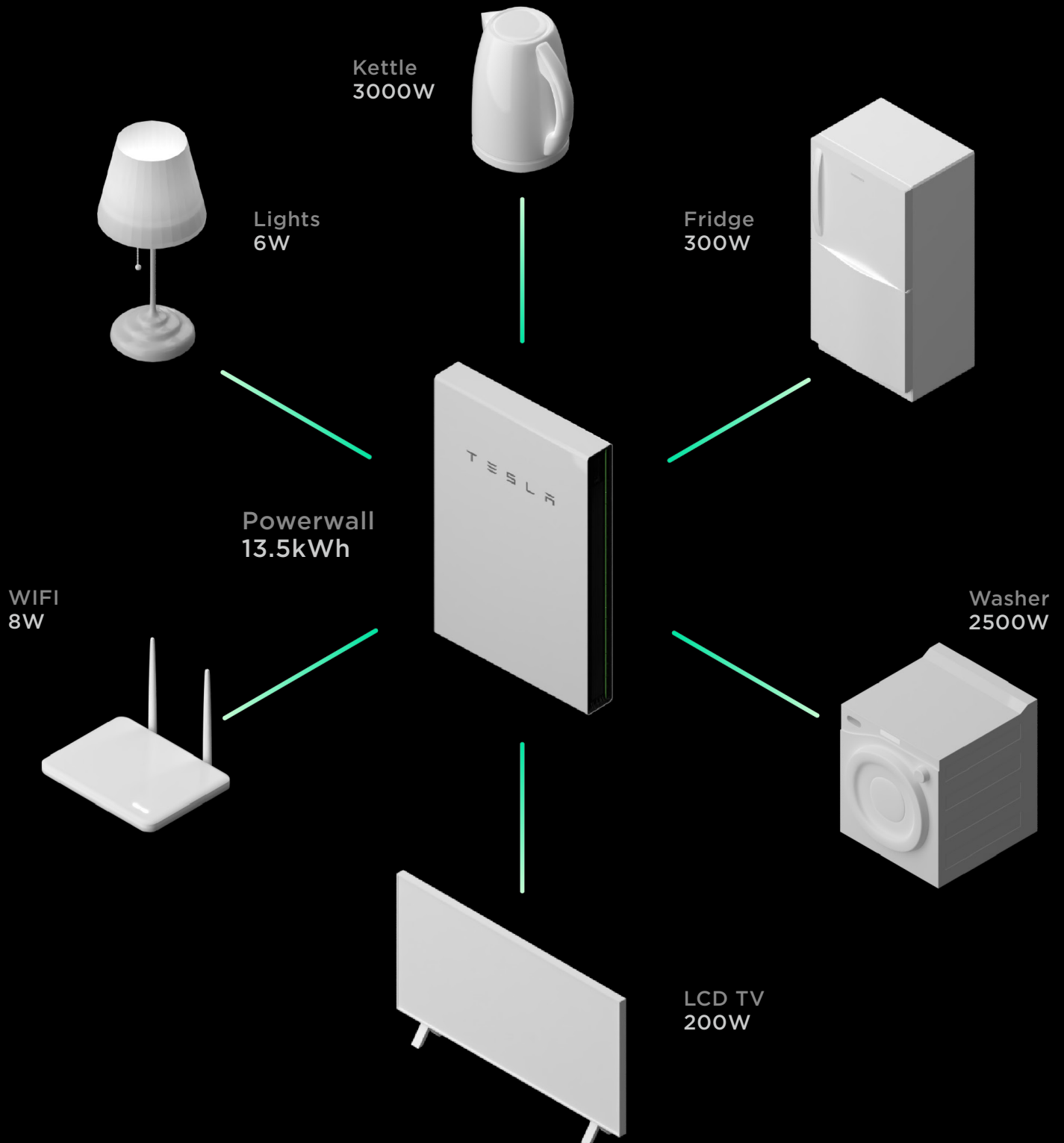
And use your stored clean  
energy at night



# A Battery to Power Everything

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

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



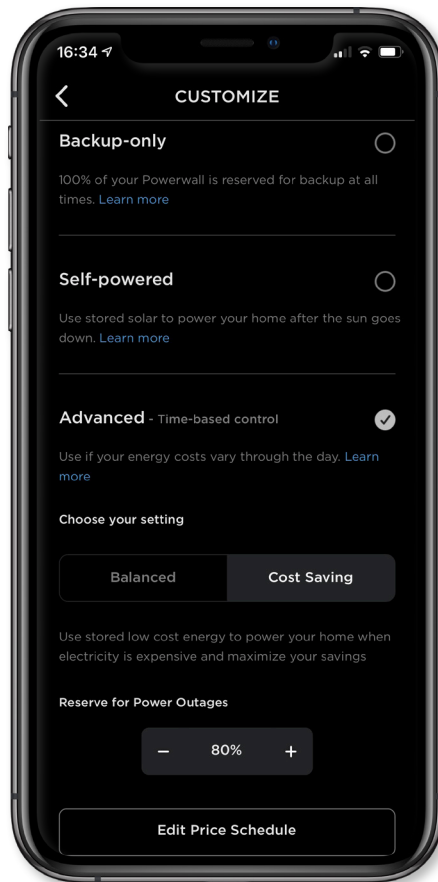
# 24/7 Mobile Monitoring

## Control your Powerwall and track your energy usage in real time

Plan ahead for every season and watch your energy flow on a daily, weekly or monthly basis.



Manage your features and track your excess energy with instant notifications and easy navigation



Customise your system with performance modes and backup protection during severe weather



Watch your energy flow in real time and monitor your home's energy independence

# Compact and Simple Lowering cost and complexity

With easy installation and no maintenance, Powerwall is a completely automated system designed for any home.

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

With an integrated inverter, the all-in-one construction provides one of the most affordable home battery systems in terms of cost per kWh.



## Specifications

**Usable capacity**  
13.5 kWh

**Scalable**  
Up to 10 Powerwalls

**Efficiency**  
90% Round-trip

**Weight**  
114kg

**Warranty**  
10 Years

**Gateway 2**  
380mm x 584mm  
11.4 kg

**Continuous power**  
5 kW

**Operating temperature**  
-20°C to 50°C

**Peak power**  
7 kW

- 1 Meter box
- 2 Gateway
- 3 Distribution board
- 4 Isolator
- 5 Powerwall

## Thank You!

We can provide a complete package to fully power your home and vehicle with Solar and Powerwall.



[www.gensolar.net](http://www.gensolar.net)

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