A Revolutionary Battery For Home

Powerwall is a home battery that stores solar energy so you can use it day or night and self-power your home. Solar panels typically generate more clean energy than your house can immediately use. Powerwall stores that excess solar to make it available on demand, maximising your use of solar and reducing your reliance on the grid.

Through the Tesla mobile app, you gain full visibility and control over your self-powered home.
Solar Day and Night
Powerwall stores solar to continuously power your home with sustainable energy day and night.

A Self-Powered Home
Use solar and Powerwall to reduce reliance on the grid and create a zero emissions home.

Low Electricity Rates
Reduce your electricity bill if your energy retailer offers time-of-use rates.
*Feature available via over-the-air update.
Control Your Energy
Get an integrated view of your home’s solar production and energy consumption with the Tesla App.

Monitor Your Powerwall
 Seamlessly monitor your Powerwall’s state of charge at any place, any time by using the Tesla App.

Better Over Time
With over-the-air software updates, Powerwall will continue to improve and adapt to your lifestyle.
Compact and Simple
Powerwall is a completely automated system that installs easily and requires no maintenance.

Completely Safe
Liquid thermal controls and touch safe technology maximize battery life and safety.

Best Value
With an integrated battery inverter, Powerwall is the most affordable home battery in terms of cost per kWh.

13.5 kWh
Usable Capacity

125 kg
Weight

3.68 kW
Standard Continuous Power

x10 Powerwalls
Scalability

5 kW
Maximum Continuous Power

10 years
Warranty

125 kg
Weight

3.68 kW
Standard Continuous Power

5 kW
Maximum Continuous Power

10 years
Warranty