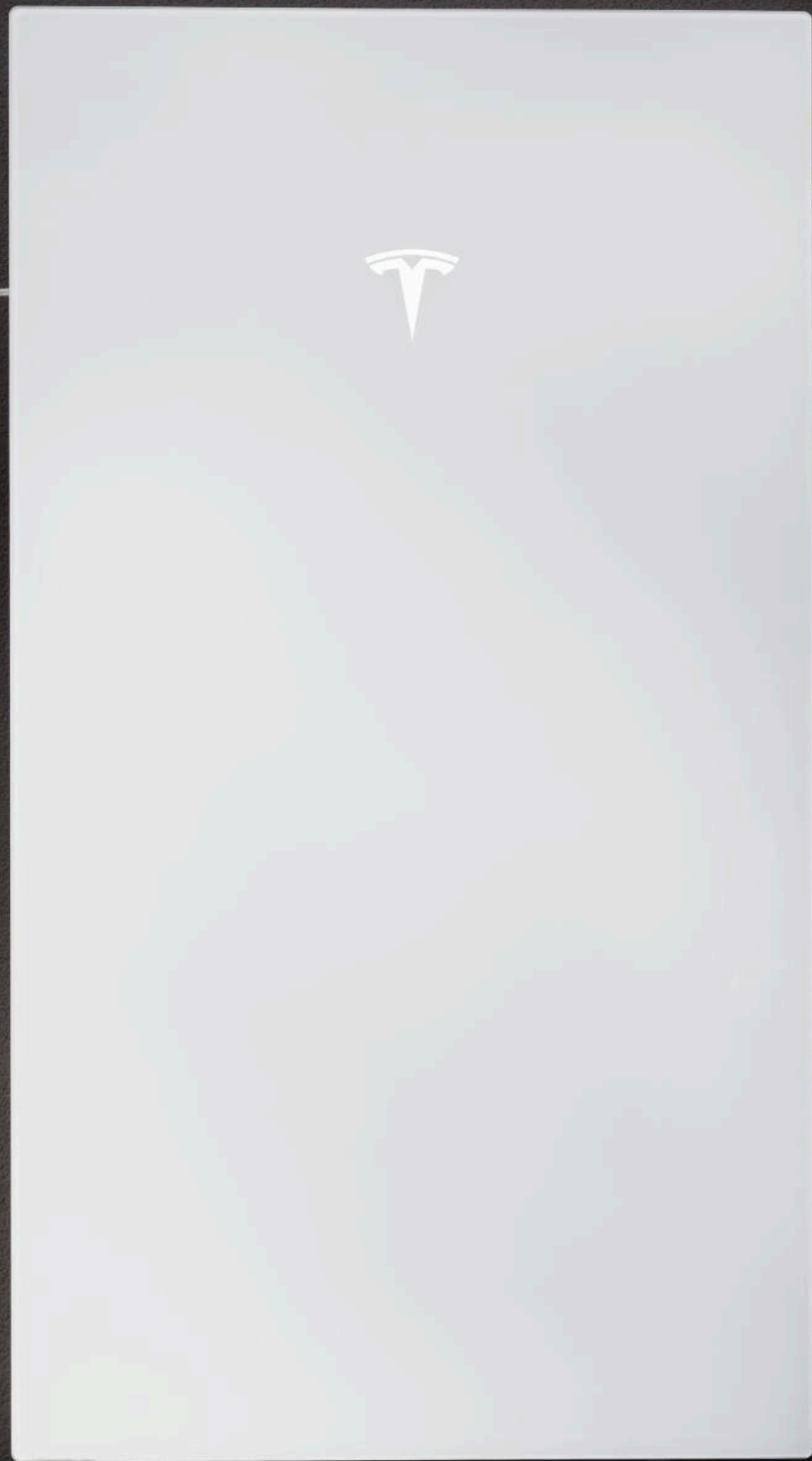




Powerwall 3P

More Than a Battery





Store Your Energy, Save on Electricity

Powerwall 3P is a compact home battery with an integrated solar inverter that stores energy from solar and the grid. It can support three-phase appliances, optimise your energy usage and maximise your savings.

⚡ More Power

With 15 kW of continuous AC output and 21 kW of peak power, a single Powerwall 3P unit can meet the increased power needs of three-phase homes, supporting high-power appliances such as air conditioners and home EV chargers. When utility rates are high or outages occur, Powerwall 3P automatically uses stored energy, reducing your reliance on the grid and lowering your electricity bills.

🔧 Flexible Design

Powerwall 3P is compatible with various home layouts, energy goals and requirements, and works with new and retrofit solar installations. With a sleek, compact design, it delivers maximum performance with a footprint of just 0.2 m. A Tesla Certified Installer can further customise your installation based on your home's design and personal preferences.

🔑 Max Efficiency

Powerwall 3P comes with Tesla Home, an integrated AI-powered home energy management system that optimises energy usage across your electric appliances to help maximise savings on electricity costs. You'll also receive over-the-air updates that improve your system over time.

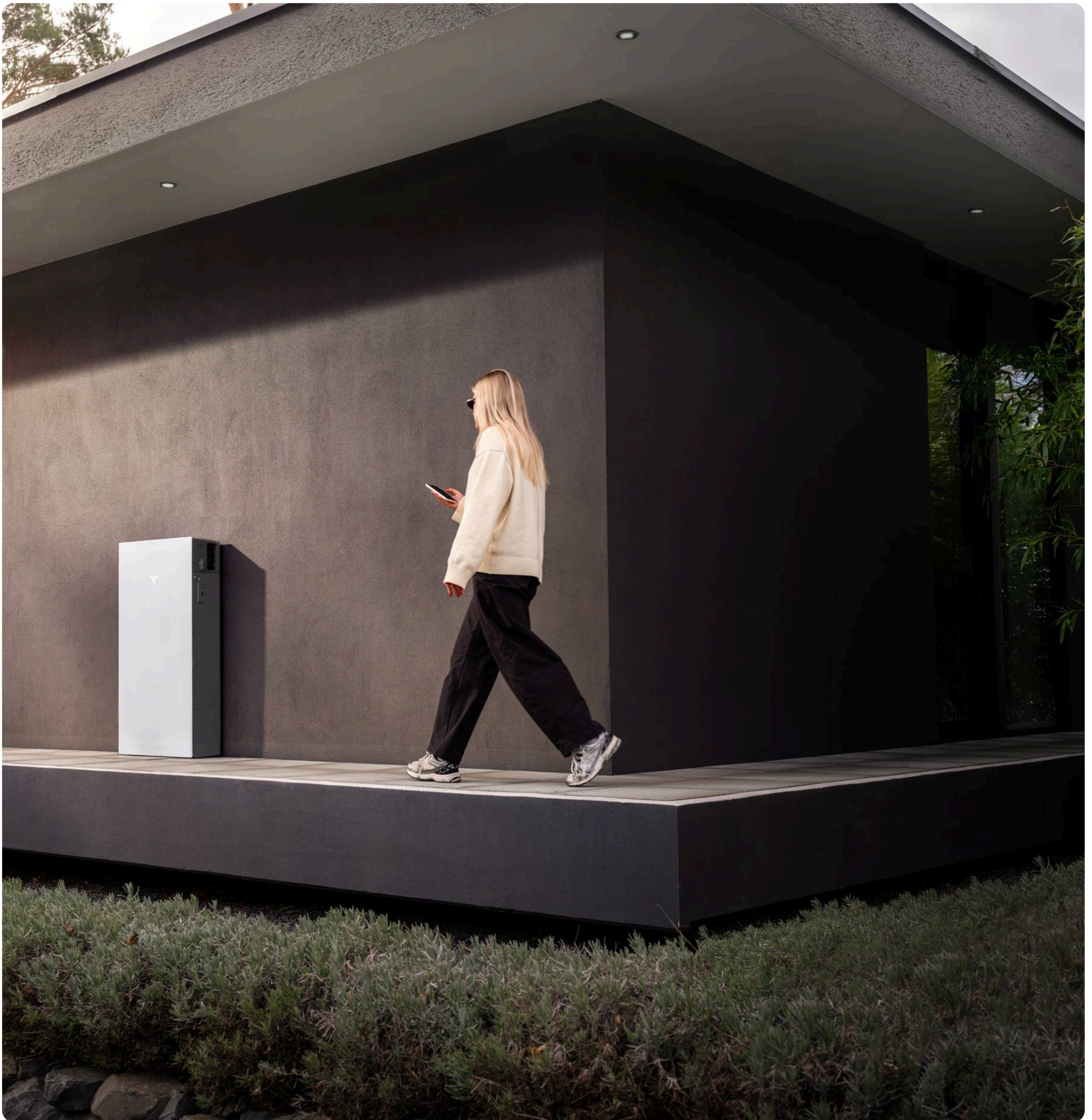


✓ All-Weather Durability

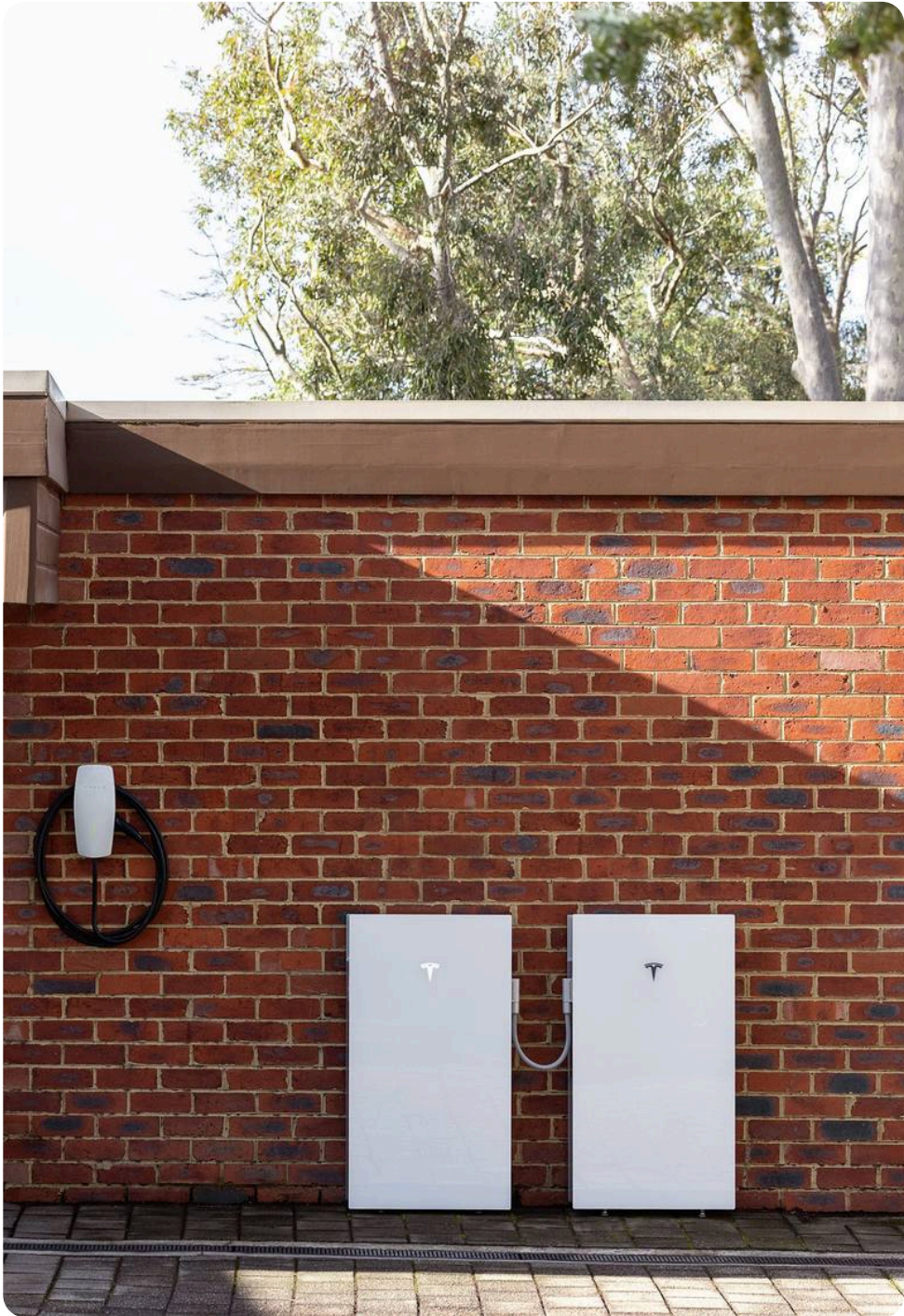
Built with a die-cast aluminum enclosure and tempered UV-stable glass front panel, Powerwall 3P maintains structural integrity and visual appeal even after years of use. It can be installed indoors or outdoors, withstanding rain, snow, high humidity, and up to 60 cm of flood water. It also operates in temperatures ranging from -20°C to 50°C .

👍 Proven Reliability

Our design and engineering expertise results in a reliable, premium home battery. With over one million Powerwall installations globally and over 22 years of experience, Tesla's reliability is proven through real-world experience.



Expand Your System



Match your system size to your energy needs. Add Powerwall units when you need more power, and expansion units when you need more storage.

Each Powerwall 3P supports up to three expansion units, increasing capacity from 13.5 kWh to 54 kWh in 13.5 kWh increments so your appliances run longer during outages.

Install Powerwall 3P

Request a quote from a Tesla Certified Installer to get started.



Powerwall Specs

Supported Grid Configurations		230/400V Wye 4-wire
Usable Energy Capacity		13.5 kWh AC Additional capacity through expansion units
Nominal AC Output Power		Up to 11.5 kW (without solar) Up to 15 kW (with solar)
Max. Continuous Charge Power	Powerwall 3 Only	5 kW
	with Expansion Unit	8 kW
Peak AC Output Power (1s)	3-phase loads (3P)	21 kW
	1-phase loads	7.4 kW
Max Solar Input		20.4 kWp
MPPTs		4
Maximum Current (Imp)	per MPPT	16 A
	2 MPPTs in parallel	32 A
Max. short-circuit current (Isc)	per MPPT	21 A
	2 MPPTs in parallel	42 A
PV-DC Startup Range		60 V DC
PV-DC Input Voltage Range		60 – 1000 V DC
PV DC MPPT Voltage Range		60 – 800 V DC

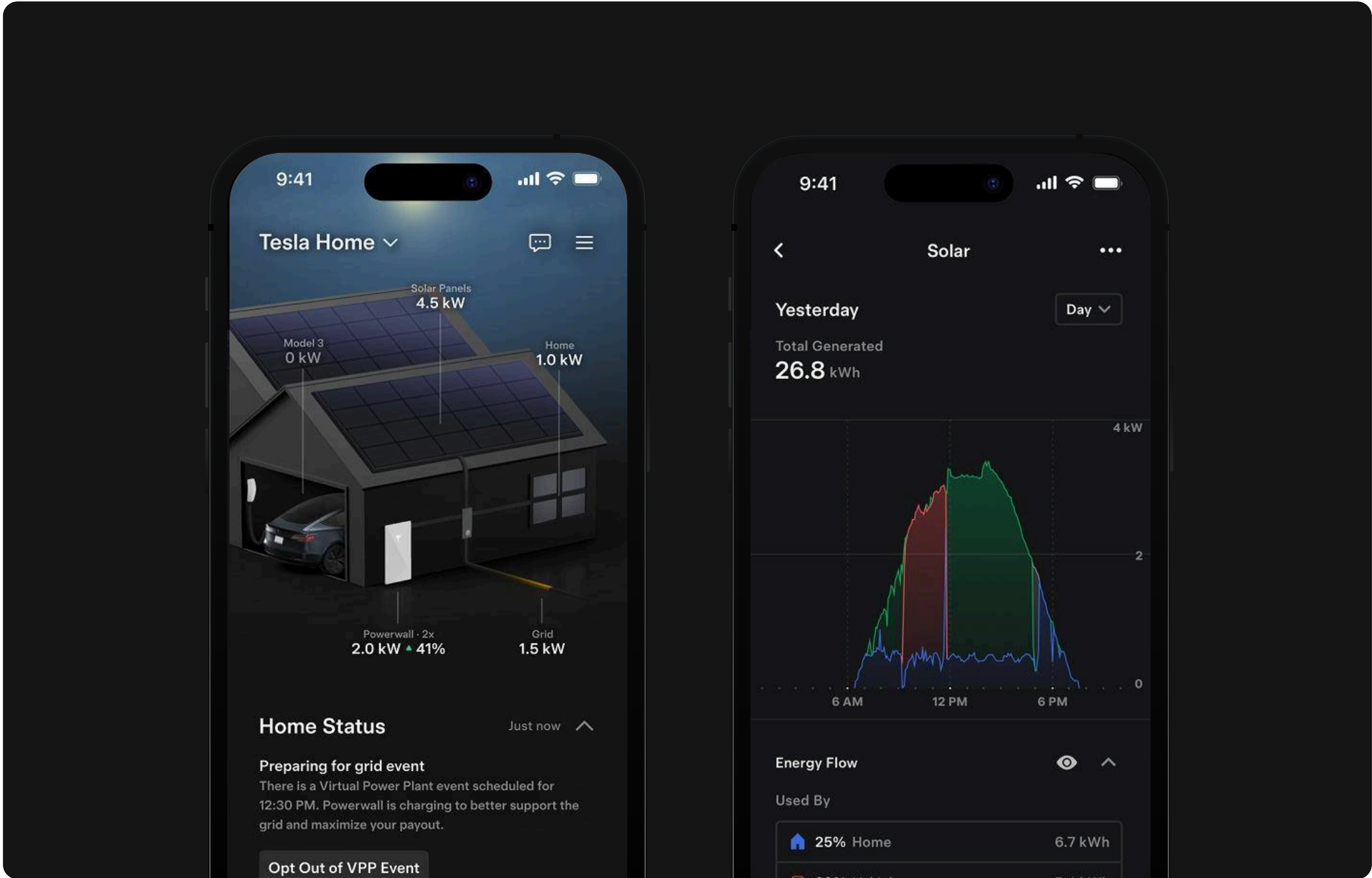


Your Tesla Home

Tesla Home comes standard with Powerwall 3P, coordinating the electric appliances in your home with no additional equipment or third-party providers required.

Powered by Opticaster, Tesla's AI Optimisation Software, Tesla Home learns how you use energy and responds to changing electricity rates. It runs your air conditioner and charges your EV at the most efficient times, drawing from solar, Powerwall or the grid to help lower your electricity bills over time.

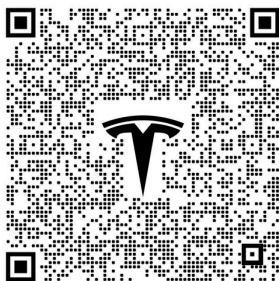
Use the Tesla app to set your energy goal to prioritise savings or solar self-consumption. You can also adjust your Backup Reserve to control how much stored energy stays available for outages. Update these settings anytime as your needs change.



Simplify Energy Management

In the Tesla app, you can see your energy usage in real time and manage your home energy system from anywhere.

Integrating Powerwall 3P with other home energy products, like solar and Wall Connector, allows you to see how each of your products operates individually and collectively to meet your goals.



Download App



Backup Ready

With Gateway, Powerwall detects outages, disconnects your home from the grid and switches to stored energy automatically. Your home stays powered during an outage, and the system safely reconnects when electricity returns.

Gateway tracks your electricity use, monitors solar production and shows how power flows to and from the grid, all in the Tesla app. It's also compatible with third-party solar inverters, measuring their output through internal meters.





Charge at Home

With Wall Connector, your electric vehicle can charge at home from 0 to 80% in about six hours. It supports single-phase and three-phase power and works with most EVs using standard Type 2 connectors.

With Wi-Fi connectivity, you can monitor charging status, schedule sessions around the lowest electricity rates and manage settings in the Tesla app.



Build a Cleaner, Safer World

Our mission is to build a world of amazing abundance. Since our founding in 2003, Tesla has been focused on making a positive impact on our world by replacing fossil fuel-powered products with cleaner, safer alternatives.

Our design and engineering expertise across electric vehicles, charging and utility-scale storage results in a reliable, premium home battery.

With over one million Powerwall installations, two terawatts of power electronics built, and eight million vehicles sold globally, Tesla demonstrates its proven reliability through real-world experience.