Fully Integrated Solar Energy Storage

Benefits of the Tesla Ecosystem
Generate, use and store your own clean energy. The fully integrated Tesla ecosystem is designed so that all your energy products work together, providing you with a simple user and service experience.

1. **Solar Panels:** Generate energy from the sun to power your home, appliances and electric vehicle
2. **Powerwall+:** Convert solar energy into electricity with an integrated solar inverter and store it for use at night or during outages
3. **Wall Connector:** Recharge your Tesla or other electric vehicle from the convenience of your home
4. **Tesla App:** Monitor and manage all the products in your Tesla ecosystem in one place

Powerwall+

Our rechargeable battery system stores the energy generated by your solar panels so that you can use it anytime—at night or during an outage. Powerwall+ is designed with a battery and solar inverter that work together to provide you with reliable energy storage and backup protection.

Its compact, integrated design makes it easy to install at any home, indoors and out. And with customizable system controls, you can adjust your system's storage settings to meet your energy needs.

Whole-Home Backup Protection

Powerwall+ stores energy, detects outages and powers your home at night or when the grid goes down. Its integrated inverter allows Powerwall+ to work with your solar system for quicker recharging while solar is being generated so that you don't miss out on any solar energy during the day.

Powerwall+ can detect a power outage, disconnect from the grid and automatically restore power to your home. With 7 kW of continuous power output, Powerwall+ can help keep your home running.

Maximize your Powerwall energy storage during a grid outage by using energy-intensive appliances sparingly.

Energy-Intensive Appliances

Use Sparingly

- Dishwasher
- Washer/Dryer
- Pool Pump
- A/C
- Heating incl. Under Floor
- Car Charging

Specifications

Usable Capacity
13.5kWh

Battery Efficiency
90% Round-Trip

Solar Inverter Efficiency
98%

Warranty
10 Years

Continuous Power (On-Grid)
7.68kW with Sun / 5.76kW without Sun

Max Continuous Power (Grid Outage)
9.6kW with Sun / 7kW without Sun

Peak Power
22 kW with Sun