Energy



Powershare

Home Backup With Powerwall

Powershare Home Backup is Tesla's vehicle-to-home (V2H) technology that lets you draw energy from your compatible Tesla vehicle's battery to power your home.

To enable it, you'll need to install Powerwall 3 and Wall Connector (or Universal Wall Connector). During outages, your vehicle can extend your home's backup duration by over two days. When your vehicle is on the road, Powerwall continues to provide your home with backup electricity.

Automatic Backup

When an outage occurs, Powershare Home Backup automatically starts drawing energy from Powerwall and your vehicle. It requires no regular maintenance or manual operation.

Built Around Your Driving Needs

Powershare Home Backup is designed to work around your driving needs. Through the Tesla app, you can set a minimum charge level, ensuring your vehicle has enough range for daily use.

One Integrated Ecosystem

All Tesla products are designed to work together, automatically coordinating energy for your needs. You'll also get unified support from Tesla.

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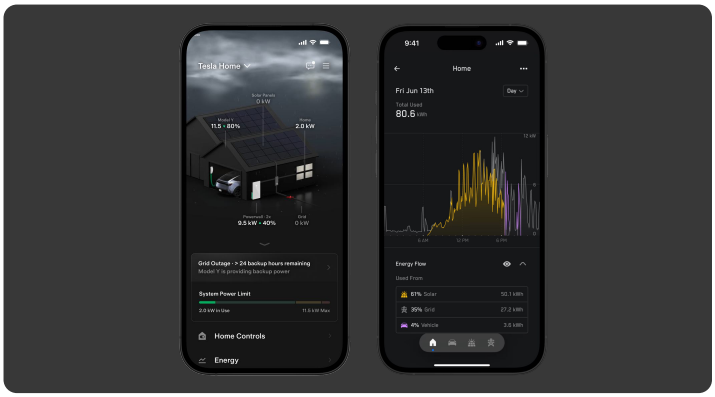


Compatibility With Model 3 and Model Y

New Model 3 and Model Y vehicles ordered after October 1, 2026, are compatible with Powershare Home Backup and can extend your home backup by over two days.

Compatibility With Cybertruck

All Cybertruck vehicles are compatible with Powershare Home Backup, extending your home backup by over three days.



Monitor Everything in the Tesla App

The Tesla app shows you your solar production, home energy use, backup reserve and vehicle charging in one place.

Get Real-Time Backup Duration Estimates

During an outage, you can view real-time energy flow from your vehicle and Powerwall to your home, so you know how long your backup will last.



Backed By Tesla Warranties

Powerwall comes with a standard 10-year limited warranty. All Tesla vehicles come with a standard 8-year Battery and Drive Unit Limited Warranty. Both are backed by Tesla, making warranty coverage simple and accountability clear.

Continuous Improvement With Real-World Data

With a large fleet of vehicles sold in the U.S. each year, Tesla continuously improves the vehicle software and hardware based on real-world use across the fleet.

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