HOME BATTERY / TESLA

Powerwall 3

1707000-xx-y

Powerwall 3 combines a 13.5 kWh battery and solar inverter. Store daytime solar for later, manage how you use grid power and keep energy ready for an outage.



13.5 kWh	Up to 11.5 kW	10 years
Storage per unit	Powerwall 3 AC output	Manufacturer warranty

For your home

Use more of your solar
Store energy your panels produce during the day and use it when your home needs more power.

Manage your energy
The Tesla App controls how Powerwall uses stored energy, grid power and your backup reserve.

Your system

- Daily energy use and utility rate plan
- Appliance starting loads and backed-up circuits
- Electrical service and Powerwall placement

MODEL DETAILS

Specifications & warranty

Tesla Powerwall 3 · 1707000-xx-y

Specification	Value
Model family	Powerwall 3 · 1707000-xx-y
Nominal battery energy	13.5 kWh AC
Nominal AC output options	5.8 / 7.6 / 10 / 11.5 kW
Maximum continuous AC current	48 A at 11.5 kW
Load-start capability	185 LRA · manufacturer conditions apply
Solar STC input limit	20 kW
Solar tracking inputs	6 MPPTs
Single-unit charging power	5 kW
Nominal grid voltage	120/240 V · split phase
Dimensions · H × W × D	1,105 × 609 × 193 mm
Manufacturer warranty	10 years · Tesla limited warranty

Warranty

10-year limited warranty, including 70% retained capacity at year 10. Tesla’s use and energy-throughput requirements apply.

Battery runtime depends on loads, reserves and solar recharge.

Original sources

Tesla Powerwall 3 North American data sheet

Tesla Powerwall 3 installation specifications

Tesla Powerwall 3 Expansion design guide

Tesla Powerwall limited warranty · USA

Tesla Self-Powered mode

Tesla utility rate plans and load shifting