

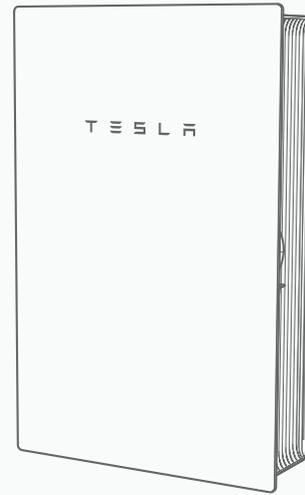
POWERWALL

Backup Gateway 2

Backup Gateway 2 for Tesla Powerwall provides energy management and monitoring for solar self-consumption, time-based control, and backup operation.

When the Powerwall system is in Backup mode, Backup Gateway 2 controls connection to the grid, automatically detecting outages and providing seamless transition to backup power.

Communicating directly with Powerwall, Backup Gateway 2 allows you to monitor energy use and manage backup energy reserves from any mobile device with the Tesla app.



PERFORMANCE SPECIFICATIONS

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|-------------------------------------|---|
| AC Voltage (Nominal) | 240 V (Line-to-Neutral) 440 V (Line-to-Line) |
| Feed-In Type | Single Phase, Three Phase |
| Grid Frequency | 50/60 Hz |
| Nominal Current | 100 A per phase (Single Phase) 80 A per phase (Three Phase) |
| Maximum Input Short Circuit Current | 10 kA |
| Overvoltage Category | Category III |
| AC Meter | Revenue accurate (+/- 0.2 %) |
| Connectivity | Ethernet, Wi-Fi, Cellular (LTE/4G) ¹ |
| User Interface | Tesla App or Local Network Monitoring |
| Operating Modes | Support for solar self-consumption, time-based control, and backup |
| Backup Operation | Backup of selected single phase; Automatic disconnect of all phases |
| Modularity | Supports up to 10 AC-coupled Powerwalls |
| Warranty | 10 years |

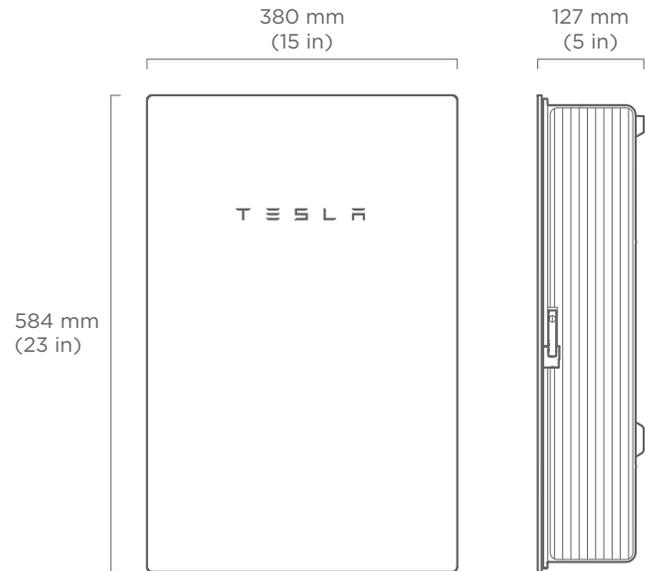
¹Cellular connectivity subject to network operator service coverage and signal strength (2G/3G supported where LTE/4G unavailable).

COMPLIANCE INFORMATION

| | |
|-------------------------|--|
| Safety | IEC 62109-1, IEC 62053-22, IEC 61439-1, IEC 61439-3 |
| EMC and Radio Equipment | EMC Directive 2014/30/EU, Radio Equipment Directive 2014/53/EU, IEC 61000-6-1, IEC 61000-6-3, EN 55024, EN 300 328, EN 300 440, EN 301 489-1, EN 301 489-17, EN 301 489-52, EN 301 511, EN 301 893, EN 301 908-1 |
| Environmental | RoHS Directive 2011/65/EU, WEEE Directive 2012/19/EU, Battery Directive 2006/66/EC REACH Regulation EC 1907/2006 |
| Seismic | AC156, IEEE 693-2005 (high) |

MECHANICAL SPECIFICATIONS

| | |
|--------------------------|--|
| Dimensions | 584 mm x 380 mm x 127 mm (23 in x 15 in x 5 in) |
| Weight | 11.4 kg (25.1 lb) |
| Breaker space (DIN rail) | Main breaker: 1-, 2- or 3-pole Generation/Load breakers: 6 spaces |
| Mounting options | Wall mount |



ENVIRONMENTAL SPECIFICATIONS

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|-------------------------|-------------------------------|
| Operating Temperature | -20°C to 50°C (-4°F to 122°F) |
| Operating Humidity (RH) | Up to 100%, condensing |
| Maximum Elevation | 3000 m (9843 ft) |
| Environment | Indoor and outdoor rated |
| Ingress Rating | IP55 |