

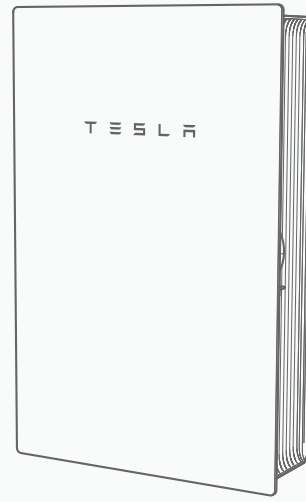
# POWERWALL

## 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

<b>AC Voltage (Nominal)<sup>1</sup></b>	230 V (Line-to-Neutral) 400 V (Line-to-Line)
<b>Feed-In Type</b>	Single Phase, Three Phase
<b>Grid Frequency</b>	50/60 Hz
<b>Nominal Current</b>	100 A per phase (Single Phase) 80 A per phase (Three Phase)
<b>Maximum Input Short Circuit Current</b>	16 kA <sup>2</sup>
<b>Overvoltage Category</b>	Category III
<b>AC Meter</b>	Revenue accurate (+/- 0.2%) <sup>3</sup>
<b>Connectivity</b>	Ethernet, Wi-Fi, Cellular (LTE/4G) <sup>4</sup>
<b>User Interface</b>	Tesla App or Local Network Monitoring
<b>Operating Modes</b>	Support for solar self-consumption, time-based control, and backup
<b>Backup Operation</b>	Backup of selected single phase; Automatic disconnect of all phases
<b>Modularity</b>	Supports up to 10 AC-coupled Powerwalls
<b>Warranty</b>	10 years

<sup>1</sup>230 V (Line-to-Line) is not a supported three-phase configuration.

<sup>2</sup>16 kA rating when installed with DIN-mount fuse; 10 kA rating without fuse.

<sup>3</sup>Revenue accurate when using Gateway internal site meter.

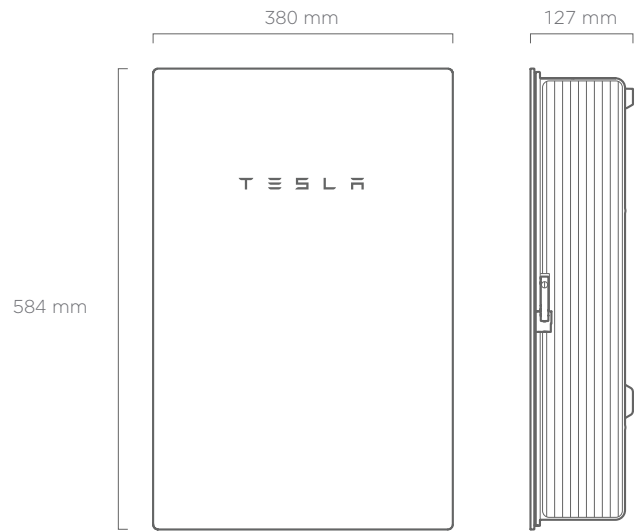
<sup>4</sup>Cellular connectivity subject to network operator service coverage and signal strength (2G/3G supported where LTE/4G unavailable).

### COMPLIANCE INFORMATION

<b>Safety</b>	IEC 62109-1, IEC 62053-22, IEC 61439-1, IEC 61439-3
<b>EMC and Radio Equipment</b>	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
<b>Environmental</b>	RoHS Directive 2011/65/EU, WEEE Directive 2012/19/EU, Battery Directive 2006/66/EC REACH Regulation EC 1907/2006
<b>Seismic</b>	AC156, IEEE 693-2005 (high)

### MECHANICAL SPECIFICATIONS

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



### ENVIRONMENTAL SPECIFICATIONS

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