

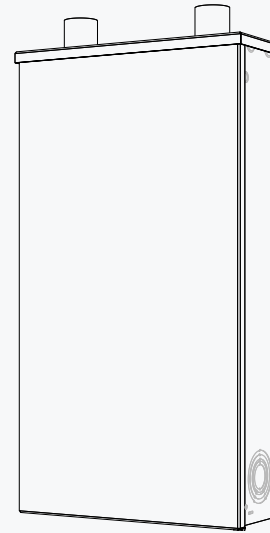
# POWERWALL

## Backup Gateway

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

The Backup Gateway controls connection to the grid, automatically detecting outages and transitioning to backup power. When equipped with a circuit breaker, the Backup Gateway can be installed at the service entrance.

The Backup Gateway communicates directly with Powerwall, allowing you to monitor energy use and manage backup energy reserves from any mobile device with the Tesla app.



## PERFORMANCE SPECIFICATIONS

<b>AC Voltage (Nominal)</b>	230 V, 120/240 V
<b>Feed-In Type</b>	Single & Split Phase
<b>Grid Frequency</b>	50 and 60 Hz
<b>Disconnect Current</b>	200 A
<b>Maximum Input Short Circuit Current</b>	10 kA
<b>Overcurrent Protection Device<sup>1</sup></b>	100–200 A; Service Entrance Rated
<b>Overvoltage Category</b>	Category IV
<b>AC Meter</b>	Revenue grade (+/- 1%)
<b>Connectivity</b>	Ethernet, Cellular (3G) <sup>2</sup> , Wi-Fi
<b>User Interface</b>	Tesla App
<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>Circuit breaker required for installation at service entrance.

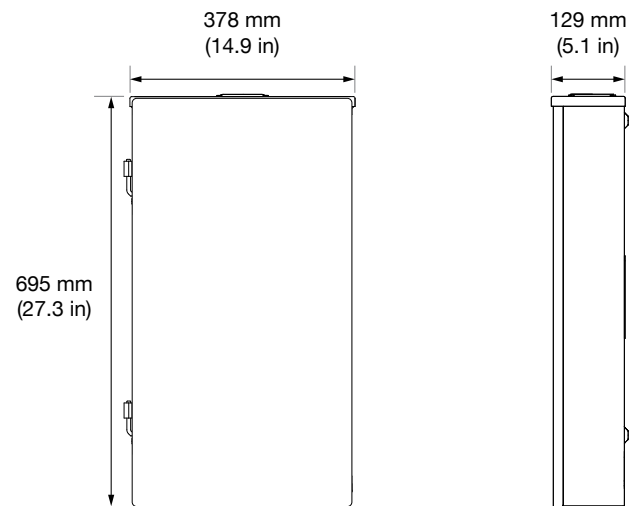
<sup>2</sup>Cellular connectivity subject to network operator service coverage and signal strength.

## COMPLIANCE INFORMATION

<b>Certifications</b>	UL 1642, UL 1741, IEC 62109-1, CSA C22.2.107.1
<b>Grid Connection</b>	Worldwide Compatibility
<b>Emissions</b>	FCC Part 15 Class B, ICES 003, IEC 61000-6-3, EN 55024, EN 301489-1, EN 301489-7, EN 301489-17
<b>Environmental</b>	RoHS Directive 2011/65/EU, WEEE Directive 2012/19/EU, Battery Directive 2006/66/EC REACH Regulation
<b>Seismic</b>	AC156, IEEE 693-2005 (high)

## MECHANICAL SPECIFICATIONS

<b>Dimensions</b>	740 mm x 378 mm x 129 mm (29.1 in x 14.9 in x 5.1 in)
<b>Weight</b>	16.4 kg (36 lbs)
<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>Enclosure Type</b>	NEMA 3R
<b>Ingress Rating</b>	IP44