

# Gateway 3

Tesla Gateway 3 controls connection to the grid in a Powerwall system, automatically detecting outages and providing seamless transition to backup power. It provides energy monitoring that is used by Powerwall for solar self-consumption, time-based control, and backup operation.

<b>Performance Specifications</b>	<b>Model Number</b>	1841000-x1-y	<b>AC Meter</b>	+/- 0.5%
	<b>Nominal Grid Voltage</b>	120/240 V AC	<b>Communication</b>	CAN
	<b>Grid Configuration</b>	Split phase	<b>User Interface</b>	Tesla App
	<b>Grid Frequency</b>	60 Hz	<b>Backup Transition</b>	Automatic disconnect for seamless backup
	<b>Continuous Current Rating</b>	200 A	<b>Overcurrent Protection Device</b>	100–200 A Service entrance rated Eaton CSR, BWH, or BW, or Square D QOM breakers
	<b>Maximum Supply Short Circuit Current</b>	22 kA with Square D or Eaton main breaker 25 kA with Eaton main breaker <sup>1</sup>	<b>Internal Panelboard</b>	200 A 8-space/16 circuit breakers Eaton BR, Siemens QP, or Square D HOM breakers rated to 10–125A
	<b>IEC Protective Class</b>	Class I	<b>Warranty</b>	10 years
	<b>Overvoltage Category</b>	Category IV		
	1Only Eaton CSR or BWH main breakers are 25 kA rated			

<b>Environmental Specifications</b>	<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>Compliance Information</b>	<b>Certifications</b>	UL 67, UL 869A, UL 916, UL 1741 PCS, CSA 22.2 107.1, CSA 22.2 29
	<b>Emmisions</b>	FCC Part 15, Class B, ICES 003

<b>Mechanical Specifications</b>	<b>Dimensions</b>	660 x 411 x 149 mm (26 x 16 x 6 in)
	<b>Weight</b>	16.3 kg (36 lb)
	<b>Mounting options</b>	Wall mount

