

# POWERWALL

## Backup Gateway 2

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

The Backup Gateway 2 controls connection to the grid, automatically detecting outages and providing a seamless transition to backup power. When equipped with a main circuit breaker, the Backup Gateway 2 can be installed at the service entrance. When the optional internal panelboard is installed, the Backup Gateway 2 can also function as a load center.

The Backup Gateway 2 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>                | 120/240V                                                           |
| <b>Feed-In Type</b>                        | Split Phase                                                        |
| <b>Grid Frequency</b>                      | 60 Hz                                                              |
| <b>Current Rating</b>                      | 200 A                                                              |
| <b>Maximum Input Short Circuit Current</b> | 10 kA <sup>1</sup>                                                 |
| <b>Overcurrent Protection Device</b>       | 100-200A; Service Entrance Rated <sup>1</sup>                      |
| <b>Overvoltage Category</b>                | Category IV                                                        |
| <b>AC Meter</b>                            | Revenue accurate (+/- 0.2 %)                                       |
| <b>Primary Connectivity</b>                | Ethernet, Wi-Fi                                                    |
| <b>Secondary Connectivity</b>              | Cellular (3G, LTE/4G) <sup>2</sup>                                 |
| <b>User Interface</b>                      | Tesla App                                                          |
| <b>Operating Modes</b>                     | Support for solar self-consumption, time-based control, and backup |
| <b>Backup Transition</b>                   | Automatic disconnect for seamless backup                           |
| <b>Modularity</b>                          | Supports up to 10 AC-coupled Powerwalls                            |
| <b>Optional Internal Panelboard</b>        | 200A 6-space / 12 circuit Eaton BR Circuit Breakers                |
| <b>Warranty</b>                            | 10 years                                                           |

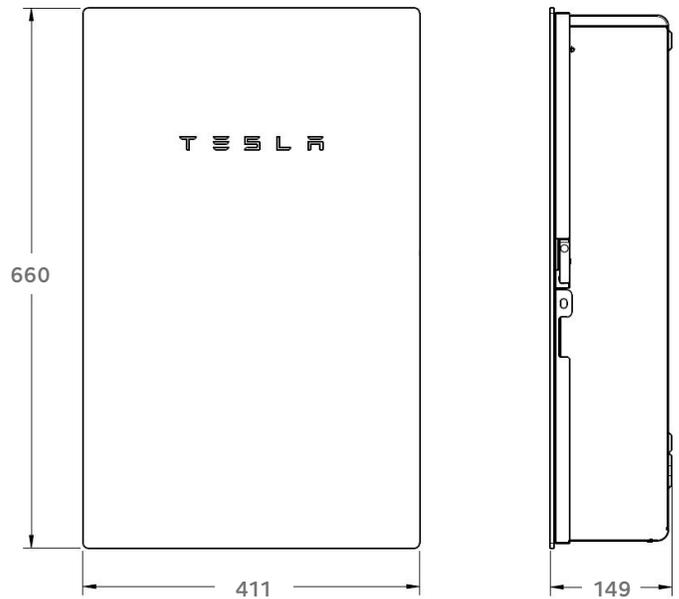
<sup>1</sup> When protected by Class J fuses, Backup Gateway 2 is suitable for use in circuits capable of delivering not more than 22kA symmetrical amperes.  
<sup>2</sup> The customer is expected to provide internet connectivity for Backup Gateway 2; cellular should not be used as the primary mode of connectivity. Cellular connectivity subject to network operator service coverage and signal strength.

### COMPLIANCE INFORMATION

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| <b>Certifications</b> | UL 67, UL 869A, UL 916, UL 1741 PCS<br>CSA 22.2 0.19, CSA 22.2 205 |
| <b>Emissions</b>      | FCC Part 15, ICES 003                                              |

### MECHANICAL SPECIFICATIONS

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| <b>Dimensions</b>       | 660 mm x 411 mm x 149 mm<br>(26 in x 16 in x 6 in) |
| <b>Weight</b>           | 20.4 kg (45 lb)                                    |
| <b>Mounting options</b> | Wall mount, Semi-flush 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                       |