

# 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.

## Performance Specifications

|   |   |                                      |  |
|---|---|--------------------------------------|--|
| <b>Model Number</b>                         | 1841000-01-y  | <b>AC Meter</b>                      | Revenue accurate (+/- 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<br>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<br>25 kA with Eaton main breaker <sup>1</sup> | <b>Internal Panelboard</b>           | 200 A<br>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   |                                      |  |

<sup>1</sup>Only Eaton CSR or BWH main breakers are 25 kA rated

## 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                       |

## Compliance Information

|                       |  |
|-----------------------|--|
| <b>Certifications</b> | UL 67, UL 869A, UL 916, UL 1741 PCS, CSA 22.2 107.1, CSA 22.2 29 |
| <b>Emissions</b>      | FCC Part 15, ICES 003  |

## Mechanical Specifications

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

