

# BACKUP SWITCH

The Tesla Backup Switch controls connection to the grid in a Powerwall system, and can be easily installed behind the utility meter or in a standalone meter panel downstream of the utility meter.

The Backup Switch automatically detects grid outages, providing a seamless transition to backup power. It communicates directly with Powerwall, allowing home energy usage monitoring from any mobile device with the Tesla app.



## PERFORMANCE SPECIFICATIONS

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Model Number                 | 1624171-xx-y                                               |
| Continuous Load Rating       | 200A, 120/240V Split phase                                 |
| Short Circuit Current Rating | 22 kA with breaker <sup>1</sup>                            |
| Communication                | CAN                                                        |
| AC Meter                     | +/- 0.5%                                                   |
| Product Compatibility        | Powerwall 2 with Backup Gateway 2, Powerwall+, Powerwall 3 |
| Expected Service Life        | 21 years                                                   |
| Warranty                     | 10 years                                                   |

<sup>1</sup> Breaker maximum supply short circuit current rating must be equal to or greater than the available fault current.

## COMPLIANCE INFORMATION

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Safety Standards | USA: UL 414, UL 414 SB, UL 2735, UL 916, CA Prop 65 |
| Emissions        | FCC Part 15, Class B ICES 003                       |

## ENVIRONMENTAL SPECIFICATIONS

|                       |                                |
|-----------------------|--------------------------------|
| Operating Temperature | -40°C to 50°C (-40°F to 122°F) |
| Storage Temperature   | -40°C to 85°C (-40°F to 185°F) |
| Enclosure Rating      | NEMA 3R                        |
| Pollution Rating      | PD3                            |

## MECHANICAL SPECIFICATIONS

|                                |                                                         |
|--------------------------------|---------------------------------------------------------|
| Dimensions                     | 176 mm x 205 mm x 74 mm<br>(6.9 in x 8.1 in x 2.9 in)   |
| Weight                         | 2.8 lbs                                                 |
| Meter and Socket Compatibility | ANSI Type 2S, ringless or ring type                     |
| External Service Interface     | Contactors manual override <sup>2</sup><br>Reset button |
| Conduit Compatibility          | 1/2-inch NPT                                            |

<sup>2</sup> Manually overrides the contactor position during a service event.

