

# WattStation™ Wall Mount Fact Sheet



## Overview

Over the next 5 years, virtually every automobile manufacturer plans to introduce a plug-in hybrid or battery electric vehicle. GE, with more than 100 year experience in the design and manufacturing of electrical distribution products, will supply the charging station infrastructure to support this industry change, starting with the WattStation.

The WattStation Wall Mount design is suitable for various commercial and residential locations. This product offers Level II charging, which is capable of reducing charge time from 12-18 hours to 4-8 hours, with service needs of 208-240VAC at 40A, assuming a 24kWh battery and a full-cycle charge.

## Product Features and Benefits

The WattStation has a wide variety of features that make it reliable and beneficial to users in many different contexts.

- Sleek and modern design
- Wall mounted application
- The cord wraps conveniently around the unit keeping it organized and off of the ground
- Features a NEMA 3R plastic exterior
- Option for hardwired unit or plug-in unit

- A power button allows for zero energy consumption when the unit is not in use
- A green backlit charging icon will illuminate to signal that the vehicle is charging, and a red backlit icon illuminates to signal a fault has been detected
- An LED light surrounds the connector inlet and will illuminate white when the charging station is powered on
- Mounting brackets are designed for extremely easy install
- An enclosure lock is featured on the mounting brackets to prevent unwanted removal of the enclosure from the wall
- Nuisance tripping avoidance and auto re-closure
- Vehicle Ground monitoring circuit

## Standards Compliance

- SAE J1772
- NEC 625
- cETL and ETL listed
- UL 2594
- cUL 2594
- NEMA and NIST
- ADA Compliance



## Ordering Information

| Type                   | Enclosure | Catalog No. |
|------------------------|-----------|-------------|
| Black, Hardwired       | NEMA 3R   | EVWSWBH     |
| Black, NEMA 6-50P plug | NEMA 3R   | EVWSWBC     |

## Specifications

|                                   |   |
|-----------------------------------|---|
| SAE Compliant                     | Level II per J1772  |
| Vehicle Interface                 | SAE J1772 EV connector  |
| Cable Length                      | 16' cable   |
| AC Charging Power Output          | 7.2kW   |
| Voltage and Current Rating        | 208-240VAC @ 30A  |
| AC Power Input                    | 208-240VAC requiring only Line 1, Line 2, and Earth ground  |
| Power Supply Connection           | Hardwired, optional 1ft. cord with NEMA 6-50P plug (250VAC, 50A)  |
| Recommended Service Panel Breaker | 2-pole 40A breaker on dedicated circuit   |
| Ground Fault Protection           | Internal 20mA CCID with auto re-closure, does not require a GFCI in service panel                           |
| User Indicators                   | LED   |
| User Interface                    | Push button: standby mode (idle until connected to the EV), and off mode (completely de-energizes the unit) |
| Standby Power                     | 5W typical  |
| Enclosure                         | NEMA 3R Indoor/Outdoor rated  |
| Safety Compliance                 | UL 2594, NEC 625, SAE J1772, cUL 2594   |
| Surge Protection                  | 6kV @ 3,000A  |
| EMI Compliance                    | FCC Part 15 Class A   |
| Operating Temperature             | -30°C to +50°C ambient  |
| Operating Humidity                | Up to 95% non-condensing  |
| Approximate Shipping Weights      | 33 lbs (14.969 Kg)  |
| Dimensions                        | 16"W x 24"H x 6"D (40.62cm x 60.96cm x 15.24cm)   |

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