

Electric Vehicle Supply Equipment (EVSE) Test Report: GE Energy WattStation

EVSE Features

Power Button for Zero Consumption
Multi Colored Charge Indicator

Auto-restart
Led Power Indicator

EVSE Tested

GE Energy WattStation Wall-Mount Unit
AC Level 2

EVSE Specifications

Grid connection
Connector type
Test lab certifications
Approximate size (H x W x D inches)
Charge level
Input voltage
Maximum input current
Circuit breaker rating

Plug and cord NEMA 6-50
J1772
ETL Listed
16 x 24 x 6
AC Level 2
208-240 VAC
30 Amp
40 Amp

Test Conditions¹

Test date
Nominal supply voltage (Vrms)
Supply frequency (Hz)
Initial ambient temperature (°F)

10/29/2012
208.38
59.99
64

Test Vehicle^{1,3}

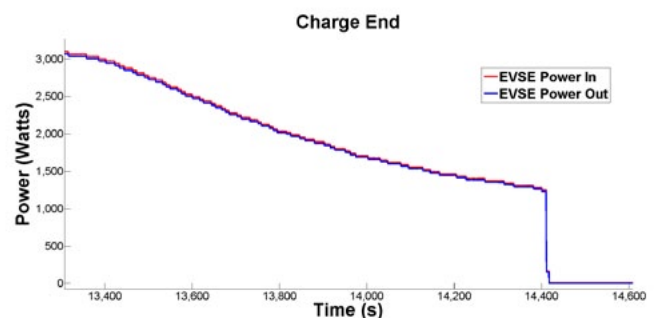
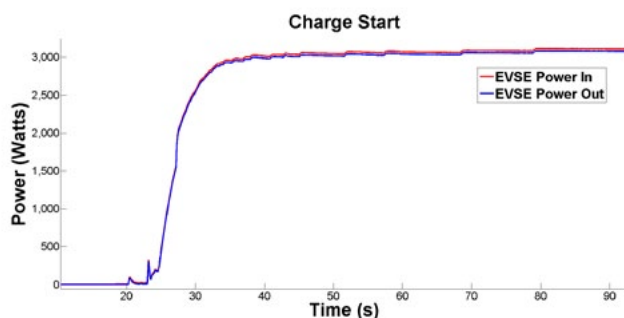
Make and model
Battery type
Steady state charge power (AC kW)
Maximum charge power (AC kW)

2012 Chevrolet Volt
Li-ion
3.07
3.32

EVSE Test Results^{1,2,4}

EVSE consumption prior to charge (AC W)
EVSE consumption during steady state charge (AC W)
EVSE consumption post charge (AC W)
Efficiency during steady state charge

4.9
31.2
4.9
99.00%



NOTE: Charge start and charge end power demand curves are dependent upon the vehicle

Features and Specifications Reference: <http://www.geindustrial.com/publibrary/checkout/DEQ-167?TNR=Brochures|DEQ-167|generic>

- Hioki 3390 Power Meter used for all current and voltage measurements
- Measurements were taken at EVSE grid connection and J1772 connection
- Steady state charge power is the most common power level dictated by the vehicle during the charge
- Steady state charge refers to the portion of the charge when power was greater than or equal to steady state charge power