

Electric Vehicle Supply Equipment (EVSE) Test Report: **Voltec 240V**

EVSE Features

Integrated Flashlight 25ft of coiled cable
Auto-reset

EVSE Specifications

Grid connection Hardwired
Connector type J1772
Test lab certifications ETL Listed
Approximate size (H x W x D inches) 10 x 15 x 5
Charge level AC Level 2
Input voltage 208 / 240 VAC
Maximum input current 15 Amp
Circuit breaker rating 20 Amp

Test Conditions¹

Test date 3/29/2012
Nominal supply voltage (Vrms) 243.11
Supply frequency (Hz) 60.01
Initial ambient temperature (°F) 64

Test Vehicle^{1,3}

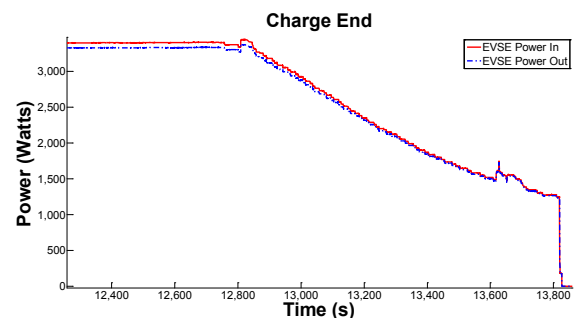
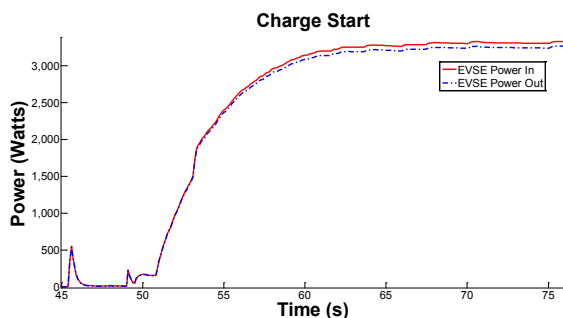
Make and model 2011 Chevrolet Volt
Battery type Li-ion
Steady state charge power (AC kW) 3.33
Maximum charge power (AC kW) 3.39

EVSE Test Results^{1,2,4}

EVSE consumption prior to charge (AC W) 2.2
EVSE consumption during steady state charge (AC W) 71.5
EVSE consumption post charge (AC W) 2.8
Efficiency during steady state charge 97.91%

EVSE Tested

Voltec 240V Charge Station
AC Level 2
Model No. 22765700



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

Features and Specifications Reference: <https://homecharging.spx.com/volt/pdf/GM10-463A.pdf>

- 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