

## Electric Vehicle Supply Equipment (EVSE) Test Report: Leviton

### EVSE Features

One-button interface  
LED status lights

### EVSE Specifications

Grid connection	Plug and cord NEMA 6-20
Connector type	J1772
Test lab certifications	UL listed
Approximate size (H x W x D inches)	11 x 9 x 4
Charge level	AC Level 2
Input voltage	240 VAC
Maximum input current	16 Amp
Circuit breaker rating	20 Amp

### Test Conditions<sup>1</sup>

Test date	10/25/2011
Nominal supply voltage (Vrms)	239.69
Supply frequency (Hz)	59.99
Initial ambient temperature (°F)	58

### Test Vehicle<sup>1,3</sup>

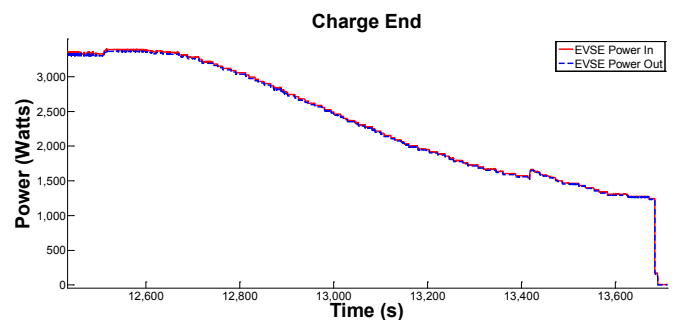
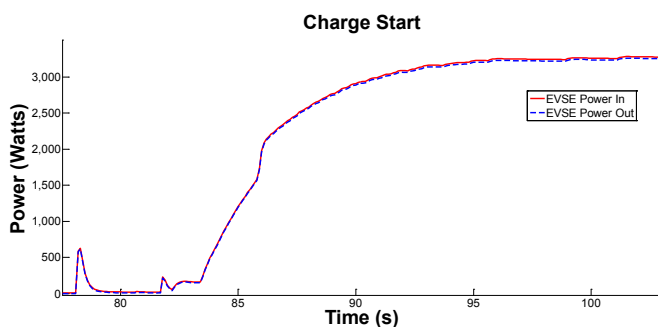
Make and model	2011 Chevrolet Volt
Battery type	Li-ion
Steady state charge power (AC kW)	3.33
Maximum charge power (AC kW)	3.38

### EVSE Test Results<sup>1,2,4</sup>

EVSE consumption prior to charge (AC W)	8.18
EVSE consumption during steady state charge (AC W)	25.72
EVSE consumption post charge (AC W)	7.48
Efficiency during steady state charge	99.24%

### EVSE Tested

Leviton Residential Wall-Mount Unit  
AC Level 2  
Model No. EVB22-3PM



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

Features and Specifications Reference: [http://www.leviton.com/OA\\_HTML/ibcGetAttachment.jsp?cItemId=IsJ4b4Uoq4ntdpZ7iH0iVA&label=IBE&appName=IBE&minisite=10091](http://www.leviton.com/OA_HTML/ibcGetAttachment.jsp?cItemId=IsJ4b4Uoq4ntdpZ7iH0iVA&label=IBE&appName=IBE&minisite=10091)

- 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