VEHICLE TECHNOLOGIES PROGRAM

Electric Vehicle Supply Equipment (EVSE) Test Report: Siemens-VersiCharge

EVSE Features

Power Limiter Switch LED Charge Indicator **LED Power Indicator**

EVSE Tested

Siemens-VersiCharge AC Level 2 Model #VC30BLKB

EVSE Specifications

Grid connection Plug and cord NEMA 6-50

Connector type J1772

Test lab certifications UL Listed

Approximate size (H x W x D inches) 16.5 x 16.5 x 6.5

Charge level AC Level 2

Input voltage 208-240 VAC

Maximum input current 30 Amp

Circuit breaker rating 40 Amp

Test Conditions¹

Test date 11/5/2012
Nominal supply voltage (Vrms) 208.81
Supply frequency (Hz) 60.01
Initial ambient temperature (°F) 55

Test Vehicle^{1,3}

Make and model 2012 Chevrolet Volt

Battery type Li-ion
Steady state charge power (AC kW) 3.09
Maximum charge power (AC kW) 3.24

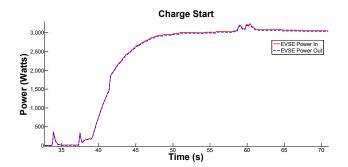
EVSE Test Results^{1,2,4}

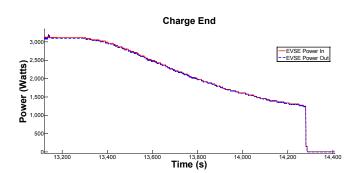
EVSE consumption prior to charge (AC W) 2.5

EVSE consumption during

steady state charge (AC W) 24.4 EVSE consumption post charge (AC W) 5.3 Efficiency during steady state charge 99.21%







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

Features and Specifications Reference: http://w3.siemens.com/powerdistribution/low-voltage/EN/green-applications/electromobility/Documents/PDDS-VERSI-0811_V2.pdf

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

