

Message

From: Jeff Caton [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fc78961cb7bd4e8aa046aaa47968de82-Jeff Caton]
Sent: 11/14/2019 10:13:40 AM
To: dennis@mcadvise.com
CC: IBECproject [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88ae86133cd043eca129d9fee992fd20-0AA - IBECp]; Elbert Hsiung [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c2c41a7a10254f6d909b2cee1c16be27-Elbert Hsiu]
Subject: eVMT estimates for level 2 chargers.
Attachments: Plugging in at Work.pdf

Dennis – attached is one source that supports the range of 15 to 25 eVMT miles per Level 2 charging hour:

Type of Charging	Power Levels (installed circuit rating)	Miles of Range per Hour of Charging*
AC Level 1	110/120VAC at 15 or 20 Amps	~4-6 miles/hr.
AC Level 2		
3.3 kW (low)	208/240VAC at 30 Amps	8-12 miles/hr.
6.6 kW (medium)	208/240VAC at 40 Amps	16-24 miles/hr.
9.6 kW (high)	208/240VAC at 50 Amps	24-36 miles/hr.
19.2 kW (highest)	208/240VAC at 100 Amps	> 60 miles/hr.

* Refer to vehicle specifications for exact ratings.

Figure 1. Charging power levels and miles of range refilled.

Jeff Caton, P.E., LEED AP
Director, Sustainable Communities

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180 Grand Avenue, Suite 1050
Oakland, CA 94612
510.839.5066 main
510.463.8743 direct | 415.439-3722 cell
jcaton@esassoc.com | www.esassoc.com

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