Eaton Green Motion Building

Eaton Green Motion Building delivers fast, cost-effective and sustainable charging in commercial and multi-tenant settings for passenger vehicles. Count on Green Motion Building to help simplify infrastructure investments, charger deployment and energy management.

Providing a 9.6 kW AC charge, the Green Motion Building chargers power hybrid and all-electric vehicles. The Eaton chargers are compatible with the Society of Automotive Engineers J1772 charging standard.

- AC Level 2 charging at 9.6 kW, 240 Vac
- Dynamic load management with ability to throttle charging rate, minimizing or avoiding infrastructure upgrades
- Gain real-time insights through energy metering and Wi-Fi, Ethernet and cellular
- OCPP 1.6J certification enables integration with your preferred charge management solution
- Secure access for authorized users through QR codes and RFID
- Support an easy and intuitive charging experience with a 4.3” LCD display
- Outdoor-rated enclosure with flexible installations including wall mount, single- or dual-pedestal mount
**EV wall charger & pedestal options**

### Technical specification

**Input electrical ratings**
- Voltage: single phase, 208-240Vac, 60 Hz
- Breaker rating: 50 A
- Power: 9.6 kW at 240 Vac; 8.3 kW at 208 Vac

**Output electrical ratings**
- Voltage: 208-240 Vac, 60 Hz
- Max current: 40 A
- Power: 9.6 kW at 240 Vac; 8.3 kW at 208 Vac

**Wiring options**
- Hardwire

**Output cable**
- 25’ cable
- J1772 compliant connector

**Metering**
- 1% accurate energy meter

**Operating temperature**
- -30°C to +50°C

**Indicators**
- 4.3” LCD
- Charging status indicator LED

**Wireless connectivity**
- Wi-Fi 802.11n (2.4 GHz)
- Ethernet/1 GB
- Cellular: 4G LTE

**Cybersecurity**
- Tested per cybersecurity guidelines endorsed by UL and IEC

**Firmware features**
- Open platform with support for OCPP (Open Charge Point Protocol) 1.6J
- Over-the-air (OTA) firmware updates

**Enclosure**
- NEMA 3R rated enclosure for indoor and outdoor installation
- Enclosure material: poly carbonate
- Dimensions: 13.8”x9.9”x5.3”

**Weight**
- Charger enclosure plus cable: 29.7 lbs

**Certifications**
- Safety: ETL, NFPA article 625
- SAE J1772 2017 Ed.
- FCC compliant, Part 15
- Energy star

**Warranty**
- 3 years

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**CATALOG & DESCRIPTION**

**GMEV40CME1B-WC**
- 9.6 kW AC Level 2 wall charger
- J1772 EV connector and 25-foot cord
- Mounting option: wall or pedestal
- Connectivity: Wi-Fi, Ethernet

**GMEV40CMC1B-WC**
- 9.6 kW AC Level 2 wall charger
- J1772 EV connector and 25-foot cord
- Mounting option: wall or pedestal
- Connectivity: Ethernet; Cellular

**GMEV-PED**
- EV single port pedestal
- Requires (1) GMEV40CME1B-WC/GMEV40CMC1B-WC, sold separately

**GMEV-DPED**
- EV dual port pedestal
- Requires (2) GMEV40CME1B-WC/GMEV40CMC1B-WC, sold separately
Green Motion Building charger

EV single port pedestal

EV dual port pedestal

Contact the Eaton Technical Resource Center at 1-877-ETN-CARE (386-2273) option 2, option 9 for further assistance.