

EV Charging Busway AC Level 2 charging



EV Charging Busway



EV Charging Busway delivers fast and cost-effective charging for passenger vehicles and medium-duty trucks used for last-mile delivery. Utilizing the breakout capabilities of the Eaton Green Motion EV chargers and the highly scalable and low labor advantage of busway, EV Charging Busway is the ideal future-proof solution for electrifying industrial and fleet depots.

Capabilities and features

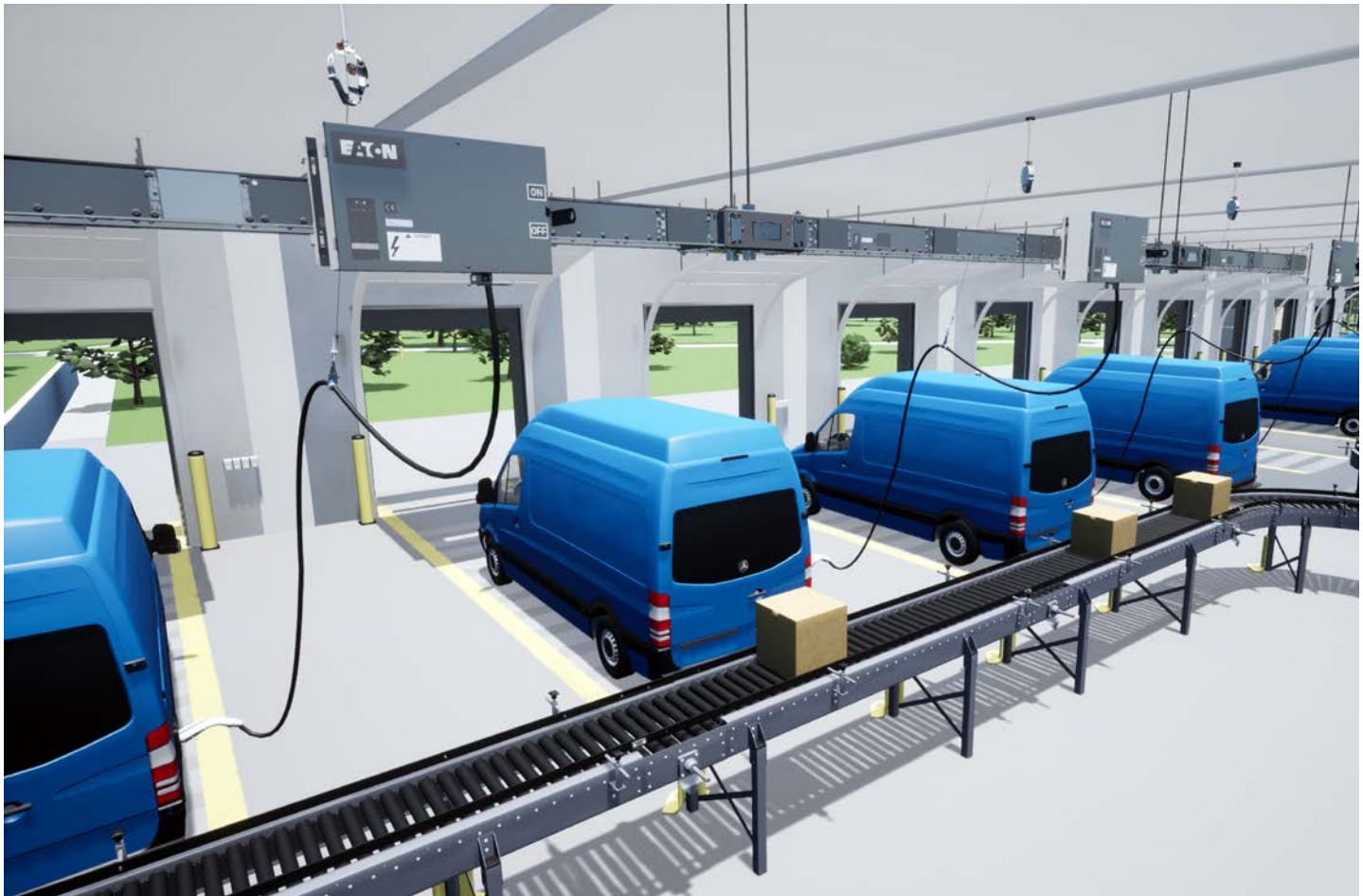
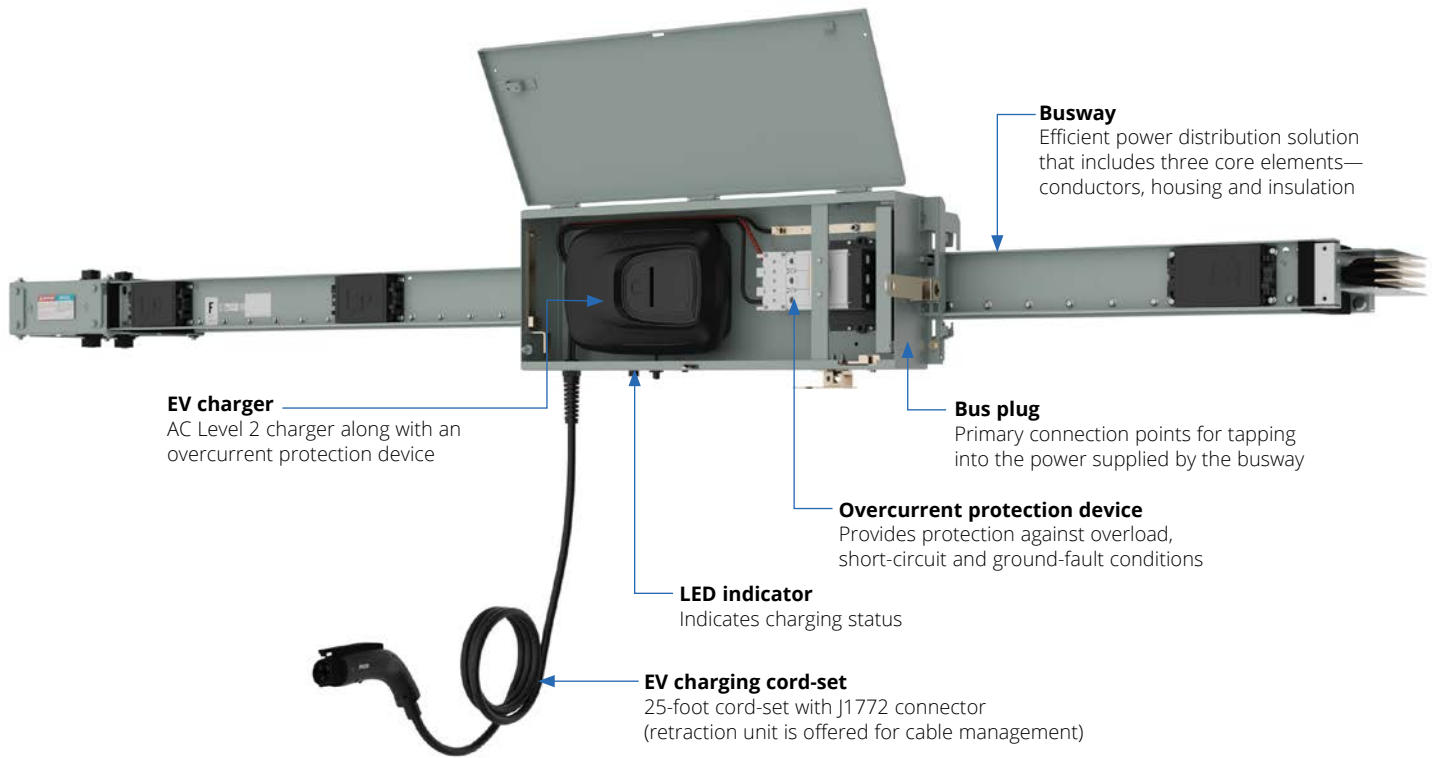
Each bus plug has an integrated 19.2 kW AC charger for plug-in, hybrid and all-electric vehicles that is compatible with the Society of Automotive Engineers (SAE) J1772 charging standard.

- Throttle the rate of charge for dynamic load management, minimizing the impact on power distribution and grid infrastructure
- Manage usage and gain real-time insights with energy metering through Wi-Fi, Ethernet or cellular connectivity
- Secure access for authorized users through the QR code
- Engineered-to-order solutions enable an EV charging bus plug every two feet

EATON

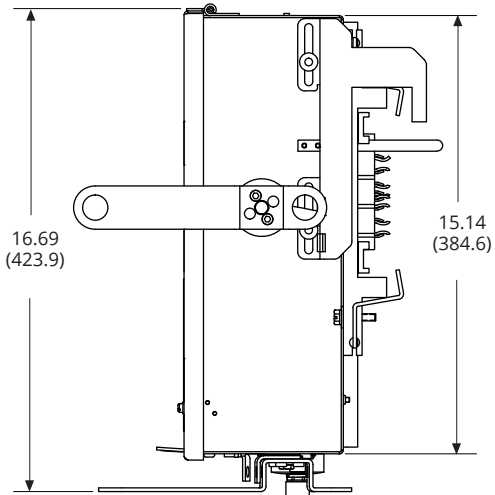
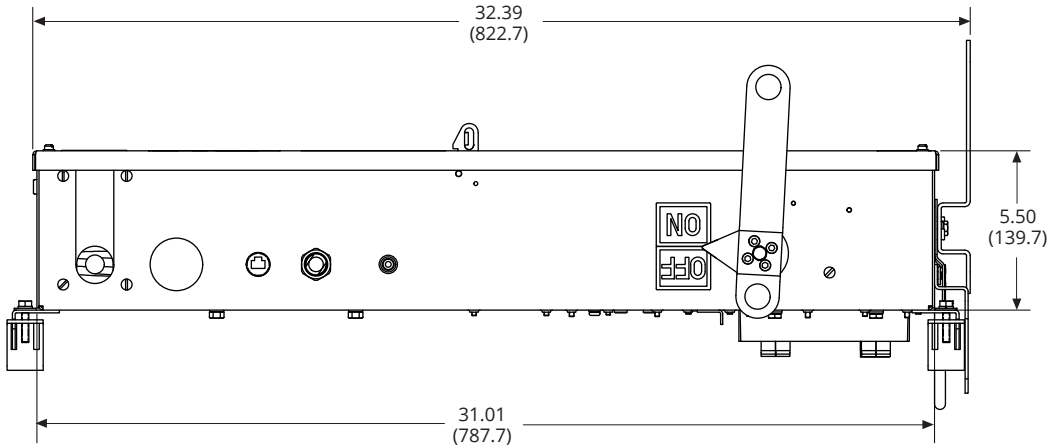
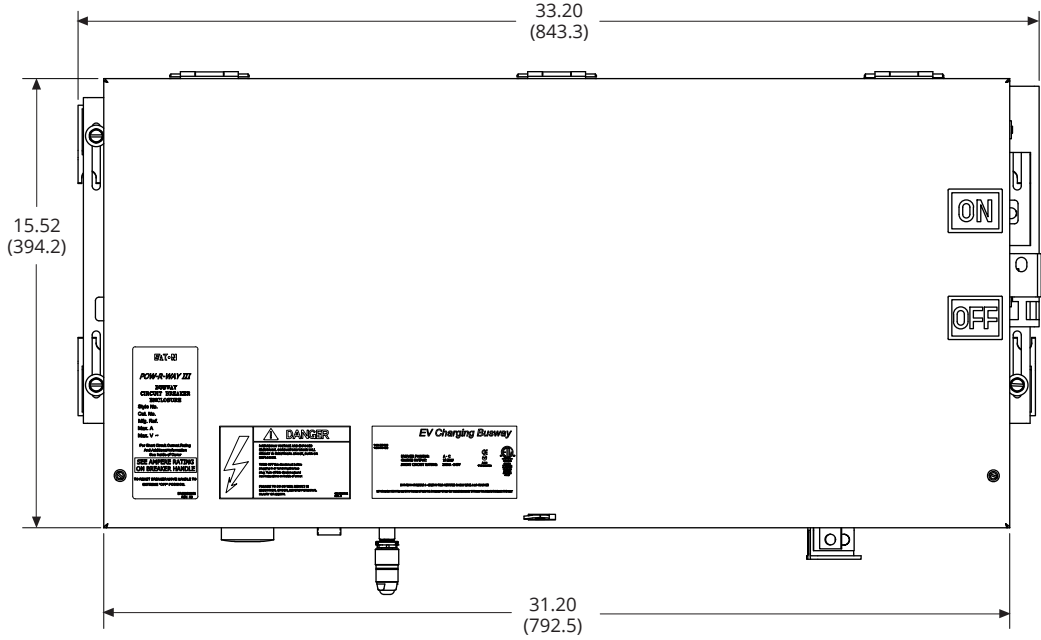
Powering Business Worldwide

EV Charging Busway



Product dimensions

Dimensions in inches (mm)



Technical specifications

Description	Specification
Input electrical ratings	Voltage: single-phase, 208–240 Vac, 60 Hz Breaker rating: 100 A; derated 150 A Power: 19.2 kW at 240 Vac; 16.6 kW at 208 Vac
Output electrical ratings	Voltage: 208–240 Vac, 60 Hz Current: 80 A Power: 19.2 kW at 240 Vac; 16.6 kW at 208 Vac
Short circuit withstand	Up to 200 kA
Wiring options	Hardwire
Output cable	25-foot cable J1772 compliant connector
Metering	1% accurate energy meter
Indicators	Charging status indicator LED on bus plug
Wireless connectivity	Wi-Fi: 802.11n (2.4 GHz) Ethernet: 100M 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 Dimensions in inches (mm)	Rated for indoor installation Enclosure material: galvanized steel 33.20 x 5.50 x 16.69 (843.3 x 139.7 x 423.9)
Weight	Busway plug 72 lb
Certifications	Safety: ETL certified to UL, CSA®, NFPA® article 625 SAE J1772 2017 Ed. FCC compliant, part 15 ENERGY STAR
Warranty	12 months from installation/18 months from shipment

Products and phasing types:

- **GMEV80CME1B-AA**
(AB phasing/Wi-Fi) ❶
- **GMEV80CME1B-AB**
(BC phasing/Wi-Fi) ❶
- **GMEV80CME1B-AC**
(CA phasing/Wi-Fi) ❶
- **GMEV80CMC1B-AA**
(AB phasing/cellular) ❷
- **GMEV80CMC1B-AB**
(BC phasing/cellular) ❷
- **GMEV80CMC1B-AC**
(CA phasing/cellular) ❷

All options include:

- 19.2 kW AC Level 2 charger
- J1772 EV connector and 25-foot cord

The PD breaker is upstream of charger and included in the EV plug.

- ❶ Support Wi-Fi and Ethernet.
- ❷ Support Ethernet and 4G.

For more information, visit [Eaton.com/EVBusway](https://www.eaton.com/EVBusway)

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