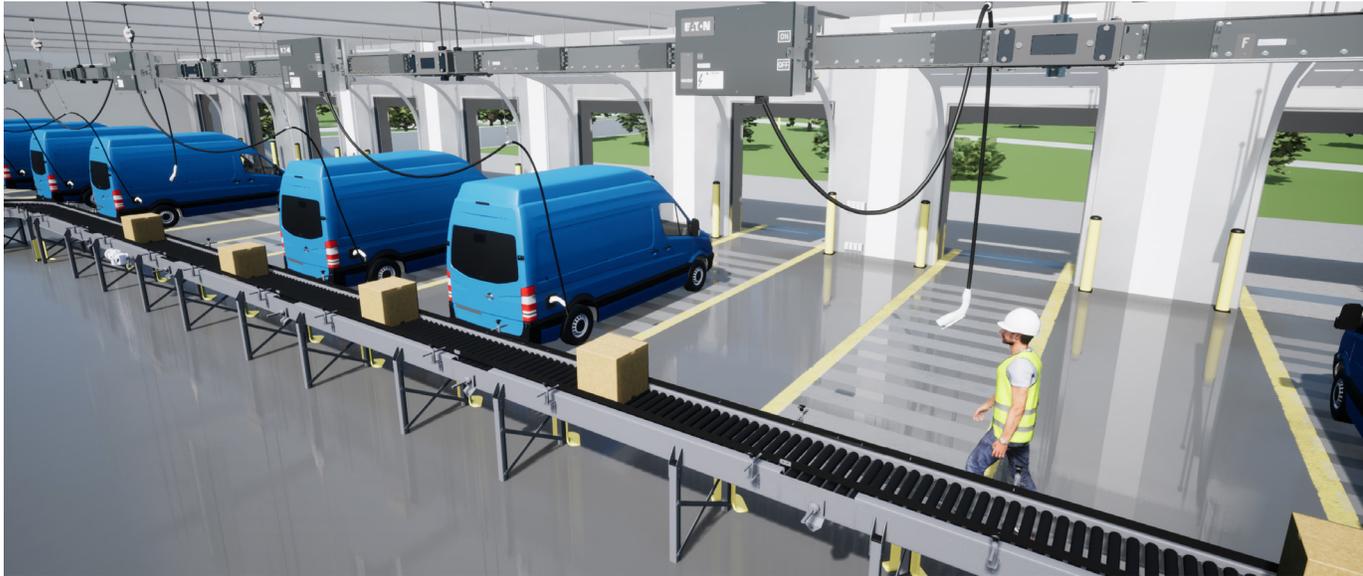


EV Charging Busway for fleet

Fast, flexible charging technology designed for last-mile delivery, fleet and industrial applications using passenger vehicles and medium-duty trucks. With overhead 19.2 kW AC Level 2 chargers, the busway-based charging solution makes it easy to scale up as your EV fleets grow.



Easy to install
and service. Does not require trenching or conduits



Highly scalable solution
that is cost effective for fleets growing incrementally



Load management
provides ability to throttle rate of charge minimizing upgrades to grid infrastructure



Overhead EV charging
that does not disturb existing parking scheme or conveyor structure

- 19.2 kW at 240 Vac (80A); 200kA Interruption Current rating
- OCPP 1.6J compliant with multiple CPO software platforms
- SAE J1772 EV connector and 25-foot cord
- Wi-Fi, Ethernet and 4G connectivity
- Dynamic load management capability
- Cable management
- Tested per UL and IEC cybersecurity standards
- LED indicator shows charging status
- Optional E-stop
- Rated for indoor use

EATON

Powering Business Worldwide

EV Charging Busway FAQs

What is a Busway and how is it powered?

Busway is an efficient power distribution solution that includes three core elements – conductors, housing and insulation. Busway is powered upstream by properly sized over current protection device. Busway can operate up to 600V and can carry continuous current of 5000A.

What is an EV Bus plug and how is it powered?

Bus plugs are the primary connection points for tapping into the power supplied by the Busway. An EV Bus plug includes an AC Level 2 EV charger along with a properly sized over-current protection device. Bus plugs are easy to install and flexible to relocate along the Busway.

How many EV Bus plugs can I install on an EV Charging Busway?

This depends on multiple factors including current rating of the Busway, voltage rating of the system and the EV charger rating. For example, a 4000A Busway powered by a 240V 3-phase Wye system can support up to sixty (60) EV Bus plugs rated at 19.2 kW each. This also takes phase balancing into consideration. Each installation can be different and Eaton's experts are available to support your EV charging needs.

Do EV Bus plugs come with cable management?

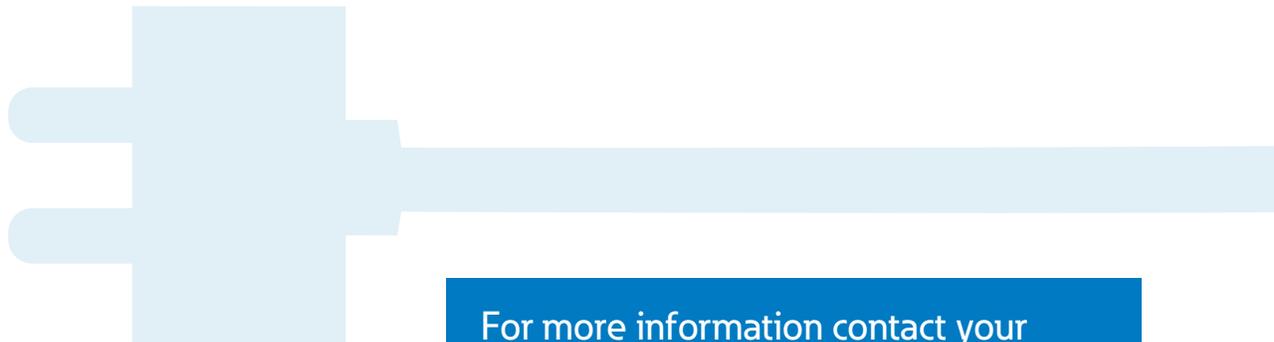
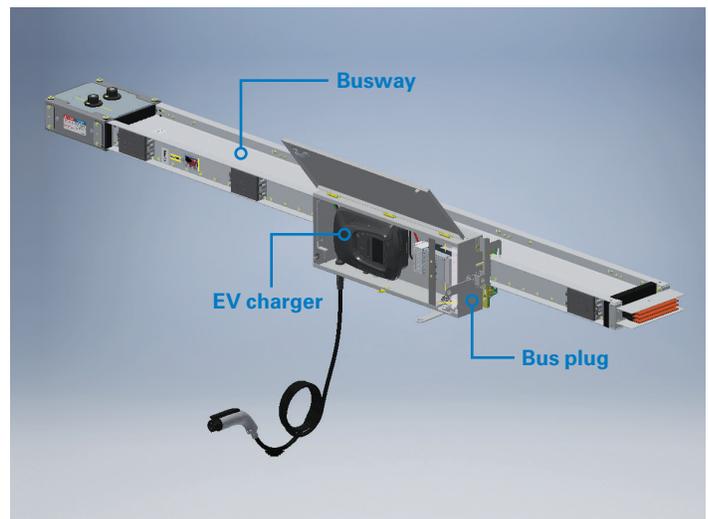
EV Bus plugs come with an accessory retraction unit that provides an effective cable management solution. This retraction unit is spring-loaded with a ratcheted lock. Adjustable tension, secondary support and automatic locking provide additional safety.

Can the EV Charging Busway be used in outdoor installations?

At this time, the EV Charging Busway solution is offered for conditioned indoor installations only.

What voltage should be supplied to an EV Charging Busway?

Eaton 19.2 kW AC Level 2 chargers operate from 208 to 240 Vac when applied on 240/120 Vac single phase 3 wire or 208/120 three phase 4 wire electrical distribution systems. Contact Eaton for other special voltages and electrical distribution systems.



For more information contact your local sales representative.