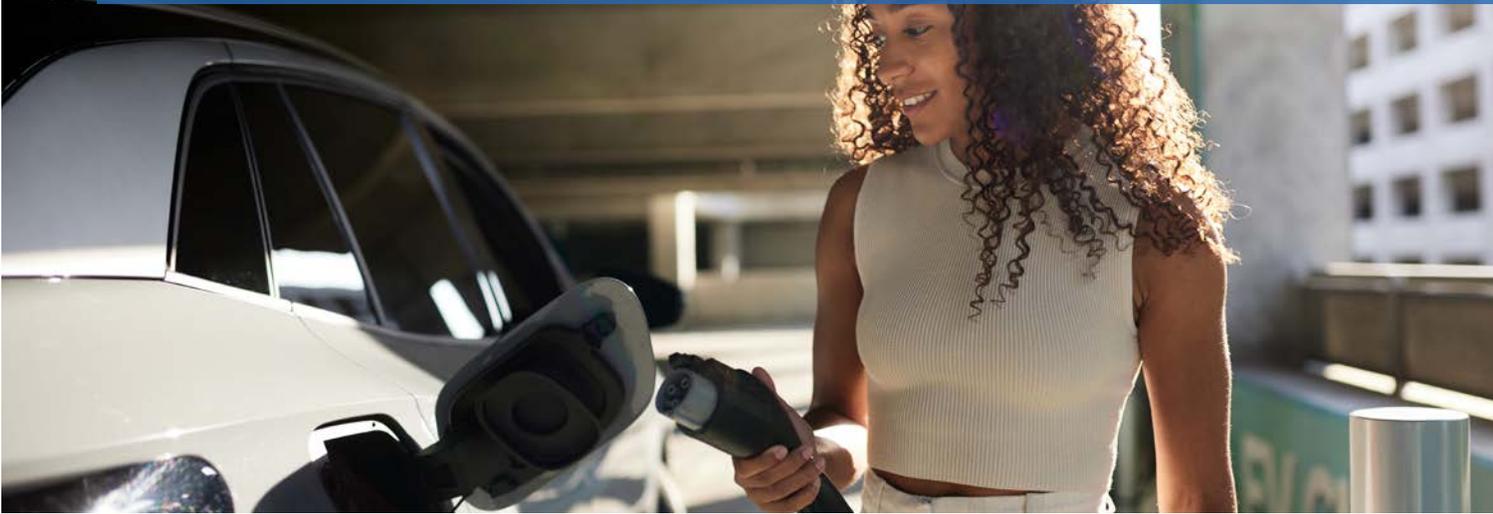


Pow-R-Line Xpert EV charging switchboards AC Level 2 charging



Seamless EV charging integration for your facility



Eaton offers EV charging capabilities within a compact, Integrated Facility Systems™ (IFS) switchboard. The all-in-one EV charging solution features Green Motion EV smart breaker chargers that provide fast AC Level 2 charging at 7.7 kW, revenue-grade metering and remote access capabilities.



Speed and control

- Fast AC Level 2 charging with EV smart breakers
- Controlled rate of charge
- 0.2% accurate revenue-grade metering



Connections and customization

- Simple design with factory installation of EV smart breakers
- Monitoring and charging schedules set with EV Charger Manager app and open APIs
- Integration of customer's preferred charge management solution permitted by OCPP 1.6j



Cost savings and space savings

- Enhanced demand response participation using real-time remote access capabilities
- Significant space savings gained with room for up to 18 EV smart breaker chargers within an incorporated EV panelboard

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Pow-R-Line Xpert™ EV charging switchboard benefits



Improved security

EV chargers installed within a panelboard (incorporated into the IFS) can be remotely located and more easily secured



Reduced infrastructure

If connecting the EV chargers to a network, the Wi-Fi only needs to be installed in the vicinity of the IFS switchboard, not across the entire parking lot/structure



Reduced installation cost

A pre-wired, compact customized unit helps reduce installation time and is a cost-effective alternative to traditional stand-alone EV charging pedestals

Ideal for mid-to-large scale EV charging applications, the Pow-R-Line Xpert IFS switchboard integrates electrical distribution components and control equipment, which are traditionally separate, into a single factory-assembled and connected system.

Variety of applications

- Corporate fleets
- Hospitals
- Hotels
- Multi-tenant locations

Available accessories

- EV cord and cord management bracket (EVCC-LED)
- EV cord, cord management bracket and junction box (EVCC-LED-JB)

NEMA enclosure options

- Rated for NEMA® 1 (indoor) or NEMA 3R (outdoor) use
- Height: 90.00 (2286.0)
- Width: 26.00 (660.4) minimum
- Depth: 18.00 (457.2) minimum

Note: Dimensions in inches (mm) and for NEMA Type 1 enclosure only. For additional NEMA enclosure dimensions, contact your local Eaton distributor or sales engineer.

Pow-R-Line Xpert IFS switchboard EV smart breaker charger ratings

Description	Rating
Maximum voltage	240 Vac
Main breaker	225–600 A
Main lug	250–800 A
Maximum kAIC	10 kA fully rated
Branch circuit breaker	15–100 A
Branch circuit connector	100 A
Branch circuit breaker types	BABEVEM, BABEM
Maximum branch EV smart breaker chargers	18
Maximum distance from EV smart breaker chargers to electric vehicle	250 ft

Contact your local Eaton distributor or sales engineer for details. For more information, visit [Eaton.com/EVSwitchboards](https://www.eaton.com/EVSwitchboards)

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