MERSEN APPLICATION SNAPSHOT:

EV CHARGING STATIONS

APPLICATION

It's estimated that there are around 2 to 3 million pure battery electric and plug-in hybrid electric vehicles on the world's roads today. By 2040, it is forecasted that there may be 300-400 million EVs on the road out of approximately 2 billion vehicles. Therefore, several millions of EV charging stations will be deployed to load these batteries.

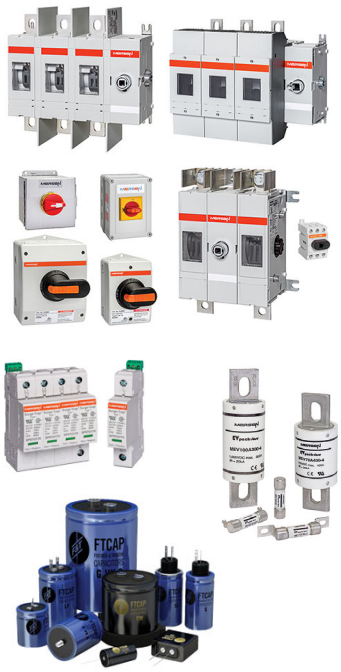
PRODUCT OVERVIEW

EV chargers require very specific power management and electrical protection features. Mersen has developed a comprehensive product offering covering overcurrent and surge protection, low-voltage switches, and DC-link capacitors.

SOLUTION

Mersen's product offering for EV Charges includes:

- **Low Voltage Switches:** used in EV Charging station power units to disconnect main power to the station.
- **Surge Protection Components:** protect your electronics from harmful and preventable surge damage
- **High Speed DC Fuses:** protect semiconductor devices against overcurrent conditions.
- **Capacitors:** filter the ripple current during the AC-DC or DC-DC power conversion operations.
- **Power Distribution Blocks**
- **Class J and CC Fuses and Fuse Holders**



DIGITAL TOOLS

Brochures and Flyers:

- EV Charging Flyer
- Professional Capacitor Solutions brochure

TECHNICAL LINKS

- EV Charging Stations Markets & Applications page

CONTACT US

- Name
- Email
- Telephone