CHOOSING THE RIGHT EV CHARGER

There are two types of EV charging - AC and DC. We’re here to help you choose the right one for your fleet!

AC Charging - Level 1
- Home or Light Duty Use
- Portable
- 1.4kW-1.9 kW
- Connects to 110/120 VAC Socket
- Adds 4 to 5 Miles of Range/Hour

AC Charging - Level 2
- Fixed Installation (Wall or Pole Mounted)
- 7.2kW-19 kW
- Connects to 240VAC/40-81A Circuits
- 20-60 Miles of Range/Hour

Direct Current (DC) Fast Charging
- Fixed Installation & Larger Footprint
- 50kW-350kW
- Adds 25-175 Miles of Range in 10 Minutes*
- Typically Found in Rest Stops or as Part of Charging Network (e.g. Tesla Supercharger)

*Dependant on Battery State of Charge & Temperature

What to Consider When Evaluating Charging Options
- Route Length
- Type of EV
- Battery Size
- Charger Compatibility
- Number of EVs in Fleet
- Electrical Metering
- Available Electrical Capacity

Want a Full Analysis to See if EVs are a Fit for Your Fleet?
Contact Merchants Fleet Today to Talk to an Electric Vehicle Expert at 866.653.2737 or consulting@merchantsfleet.com.