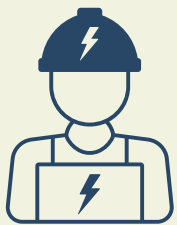


Safely Connected

Electrical Vehicle Charging Systems at Home



If you have an electric vehicle (EV) or are thinking to buy one, learn what's required to safely charge your vehicle at home.



Hire a Licensed Electrical Contractor



File a Notification of Work with ESA

- ☛ In Ontario, if you're hiring someone to do electrical work in your home, by law, it must be a Licensed Electrical Contractor. You can find one at findacontractor.esasafe.com.
- ☛ If a Local Distribution Company or its affiliate doing the installation, it must hold an ECRA/ESA electrical contracting licence.
- ☛ A Licensed Electrical Contractor will also file a notification of work to ESA for the installation, and will provide you with a Certificate of Acceptance once the work has been completed. Ask for a copy for your records.
- ☛ You must file a notification of work with ESA before starting the installation. The person doing the installation must file the notification of work.
- ☛ Installations must meet the Ontario Electrical Safety Code. In particular, Section 86 – Electrical Vehicles Charging Systems.
- ☛ ESA issues a Certificate of Acceptance once the installation meets the Ontario Electrical Safety Code. If you hire a Licensed Electrical Contractor, ask them for a copy.



Look for an Approval Mark

- ☛ An EV charging system must carry the official mark or label of a recognized certification or evaluation agency.
- ☛ Before an electrical product or piece of electrical equipment is used, sold, displayed or advertised for sale in Ontario, it needs to be approved by an accredited certification or evaluation agency. This indicates that the product has been independently assessed for safety.
- ☛ Check out all the recognized approval marks at esasafe.com/approvalmarks



More Safety Tips

- ☛ Ensure you are using a dedicated circuit to charge your EV.
- ☛ You may need an electrical service upgrade to accommodate the charging system.
- ☛ If the installation is outside, make sure to only use charging systems rated for outdoor use.
- ☛ Keep the charging cable off the floor to avoid tripping hazards and maintain the cord life.



Electrical
Safety
Authority

For more information, visit esasafe.com.