



LOOK FOR A CERTIFICATION MARK

An EV charging system must carry the official mark or label of a recognized certification or evaluation agency. This indicates the product has been independently assessed for safety. For a full list, visit esasafer.com



USE DEDICATED POWER

Ensure you are using a dedicated circuit to charge your EV, otherwise it may draw too much power too quickly for your home.



FILE A NOTIFICATION (I.E. PERMIT)

A notification of work with ESA is required before starting the installation. Ask your Licensed Electrical Contractor, to file this with ESA prior to starting work.



HIRE A LICENSED ELECTRIC CONTRACTING BUSINESS

In Ontario, if you're hiring someone to do electrical work in your home, by law, it must be a Licensed Electrical Contractor with an ECRA/ESA electrical contracting licence. Visit esasafer.com/contractor to find a Licensed Electrical Contractor near you.



ENSURE YOU HAVE THE APPROPRIATE ELECTRICAL PANEL

Electric vehicles can use a lot of power so it's important to make sure that your electrical panel can handle the extra load. If your home requires an electrical panel upgrade, you will need to contact your local utility. A licensed electrical contractor can assist you to determine what needs to be done.



ASK FOR A CERTIFICATE OF ACCEPTANCE

Ask your Licensed Electrical Contractor to provide you with a Certificate of Acceptance once the work has been completed and accepted as compliant with the Ontario Electrical Safety Code. Your home insurance provider may also ask you for it.



SAFETY FIRST

Keep the charging cable off the floor to avoid tripping hazards and maintain the cord life.



Electrical
Safety
Authority

CHARGE SAFELY

Electrical Vehicle Charging Systems at Home

Improper installation of an electric vehicle charger can lead to an electrical fire that harms you, your loved ones and your home. If you have an electric vehicle (EV) or are thinking to buy one, learn what's safely required to charge your vehicle at home.

For more information, visit
ESAsafe.com/EV



THINK ABOUT THE LOCATION

If the installation is outside, make sure to use charging systems rated only for outdoor use.