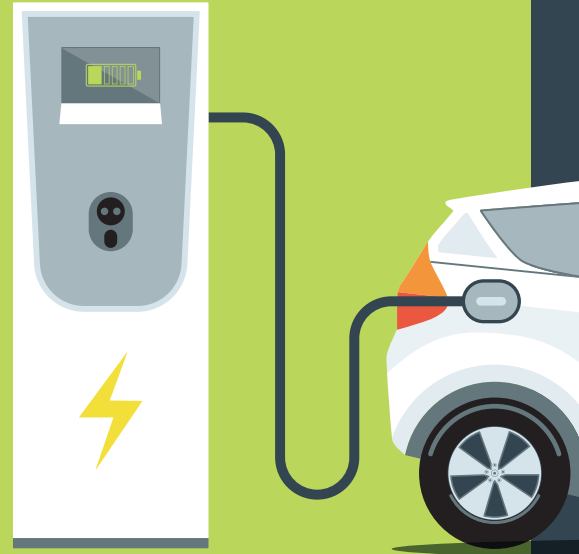


ELECTRIC VEHICLE CHARGERS

Electric Vehicle Chargers, more commonly known as **EV Chargers** or **Electrical Vehicle Charging Stations**, deliver energy to both all-electric vehicles (EVs) and plug-in hybrid electric vehicles (PHEVs).

There are two types of chargers available for your home:

- Level 1 EV chargers use a standard 120 v wall outlet and provide 3 to 8 kilometres of range per hour of charging time. It can take 8 to 16 hours for a full charge using a Level 1 charger.
- Level 2 chargers, which require a 240 v wall outlet (like those used for clothes dryers and electric stoves) and provide 16 to 80 km of range per hour of charging time. They require 4 to 6 hours to fully charge, depending on the battery size.



ELECTRIC VEHICLE CHARGERS



WHAT TO LOOK FOR:

- Level 1 chargers, which use a standard 120 v wall outlet and provide 3 to 8 km of range per hour of charging time. Level 1 chargers can take 8 to 16 hours for a full charge.
- Consider a unit with Wi-Fi technology to allow for remote power monitoring.
- If you do not park your EV in a garage, you'll need a charger rated for outdoor use.



THINGS TO CONSIDER:

- Charging at home is the least expensive way of charging your electric vehicle.
- Level 2 chargers require a permit from an Electrical Safety Authority (ESA) and should be installed by a licensed electrician.
- If your main breaker is under 150 amps, installing a Level 2 charger will require your home's electrical services to be upgraded.
- Consider the City of Toronto's Home Energy Loan Program to finance your EV charger.



COST:

\$1,700 to \$4,000+, including installation.

