

Installation of a home charging station

6 points to check before calling an electrician

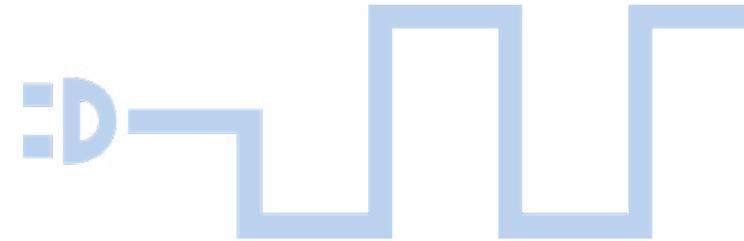
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Checklist Tool

Complete this checklist, remember to save it, then share it by email with electricians to request a quote.



1. Type of charging station

Done	Items to validate	Notes
	I want to install a Level 1 station even if charging will be slower.	You will need a dedicated heavy-duty outlet. * You don't need to complete the rest of this form if you choose Level 1. Go to section 6 and contact an electrician to install a dedicated outlet.
	I want to install a Level 2 charging station. Desired power level: 7.4 kW (30 A) 9.6 kW (40 A) 11.5 kW (48 A) 19 kW (80 A)	Consult our EV model catalog . For each vehicle model, you will see our charging station power recommendations.
	Connector type: J1772 (standard for most vehicles equipped with a CCS or CHAdeMO port) NACS (universal connector popularized by Tesla. Several brands have adopted it since 2024-2025)	It is important to choose the right connector for your vehicle. Adapters are available for refueling other vehicles. Consult our article on EV connector types .

Done	Items to validate	Notes
	Indoor or outdoor installation? I plan to install my station in a garage I plan to install my station outdoors Chosen station model: _____	Consult our catalog of Canadian charging station . It only includes stations built in Canada adapted for our harsh winters (to be prioritized for outdoor installations).

2. Electrical panel capacity

Done	Items to validate	Notes
	Current panel: 100 amps 200 amps Other: _____	
	Space available in the panel to add a 240 V breaker? Oui Non	Check if two adjacent slots are free in the panel
	Other high-energy appliances in the house: Spa Pool Heat pump (house) Heat pump (pool) Electric heating Other: _____	

Fait	Éléments à valider	Notes
	Age of the panel (if indicated): _____	The panel may need to be replaced if it is too old.
	Electric Peak Demand: _____ kw	<p>For most Canadian electricity providers, this information is available in the customer account on the provider's app or website, under the heading "Peak Demand."</p> <p>* For Hydro-Quebec, this data is displayed on the smart meter (DMW).</p>
	<p>What is the finish of the ceilings on the floor where the electrical panel is located:</p> <p>Finished ceilings Drywall (unfinished) Floating ceiling Exposed joists Other: _____</p>	
	Take photos of the electrical panel, the meter and the mast to include with your quote request.	

3. Charging station location

Done	Items to validate	Notes
	<p>Where would you like to install your charging station?</p> <p>Garage Outdoor parking Carport Other: _____</p>	<p>Choose a location that is easy to access in winter and sufficiently lit.</p> <p>Consider a location that will suit your future vehicles or visitors (not all vehicles have the charging port in the same place).</p>

Done	Items to validate	Notes
	Distance between the panel and the installation site: _____	The greater the distance, the higher the cost is likely to be.
	Take a photo of the future location of the charging station and the finish of the wall where the station will be installed to send it to the electrician. What is the finish of the wall where the charging station will be installed? Brick Vinyl siding Concrete Wood Other: _____	

4. Available subsidies

Done	Items to validate	Notes
	Available subsidies: Provincial: _____ Federal: _____ Municipal: _____ Other: _____	See our list of subsidies for EVs and charging stations by province and our list of subsidies by municipality (Quebec province).

Done	Items to validate	Notes
	Required information for subsidy applications: Invoice in your name (charging station) Invoice in your name (electrician) Other: _____	Check each subsidy program website.

5. Permits and requirements

Done	Items to validate	Notes
	Is a permit required by my municipality before starting electrical work? Yes * If yes, check with the electrician if they handle the permit or if you must do it yourself. No	Check with your municipal planning department.
	For new construction, check the minimum mandatory requirements for equipment or charging station installation.	

6. Certified electrician

Done	Items to validate	Notes
	<p>I verified that the electrician is a certified Master Electrician.</p> <p>Electrician #1: Yes _____ No _____</p> <p>Electrician #2: Yes _____ No _____</p> <p>Electrician #3: Yes _____ No _____</p>	<p>It's important to use a certified Master Electrician to avoid fire risks and installation problems. In many Canadian provinces, the law requires that a Master Electrician perform the installation.</p>
	<p>Detailed quote requested:</p> <p>Electrician #1: Yes _____ No _____</p> <p>Electrician #2: Yes _____ No _____</p> <p>Electrician #3: Yes _____ No _____</p>	<p>You can share this completed checklist with electricians, along with photos of the panel, meter, pole, and future location of the charging station, by email.</p> <p>To avoid unpleasant surprises such as cost overruns, ask for a detailed quote that includes a breakdown of everything that will be done.</p>
	<p>Selected certified electrician: _____</p>	