



Electric Vehicle Solutions



Ingenuity delivered.

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EV Market Trends

The global electric vehicle (EV) industry continues to expand rapidly with current projections suggesting that approximately 30% of all vehicle sales in North America will be electric by 2030 according to a new forecast from BloombergNEF.

Canada has seen continued growth in EV sales since the introduction of government purchase incentives. In Canada, British Columbia and Quebec lead EV adoption.

Many provincial and federal funding programs can reduce the upfront cost of EV charging station hardware and installation.

Wesco and our partners can help you lay the foundation for a future of smarter, sustainable, emission-free mobility.

The Future is Charging Ahead

Electric vehicles are an essential part of decarbonization and the energy transition. Although access to efficient charging could become a roadblock to EV adoption, government incentives and ESG goals seem aligned to implement EV initiatives that require:

- Ecosystem of manufacturers and installers
- Outcome-based solutions team
- Scalable supply chain
- Technical knowledge and expertise

Whether you are moving your commercial fleet to EV, a contractor looking for products and services, or a corporation looking to improve your environmental and sustainability goals, the key to your transformation is having the right partner to support your transition to electric vehicles. Wesco takes the guesswork out of sustainability projects and supports you from start to finish.

Fleets

- Demonstrable costs savings for fleet vehicle management
- Helping utilities lead the way in producing a smarter and cleaner electric grid by launching their own electric vehicle fleets
- Optimize energy and vehicle usage with hardware and software integration into charging infrastructure

Commercial

- As the EV market expands, smart investment for businesses of all types to increase profitability
- EV charging availability helps businesses attract consumers and retain business
- Federal, provincial and municipal tax credit incentives for businesses

Government Incentives

To eliminate the need for public charging and make EV ownership more convenient for Canadian families, the government announced plans to deploy:

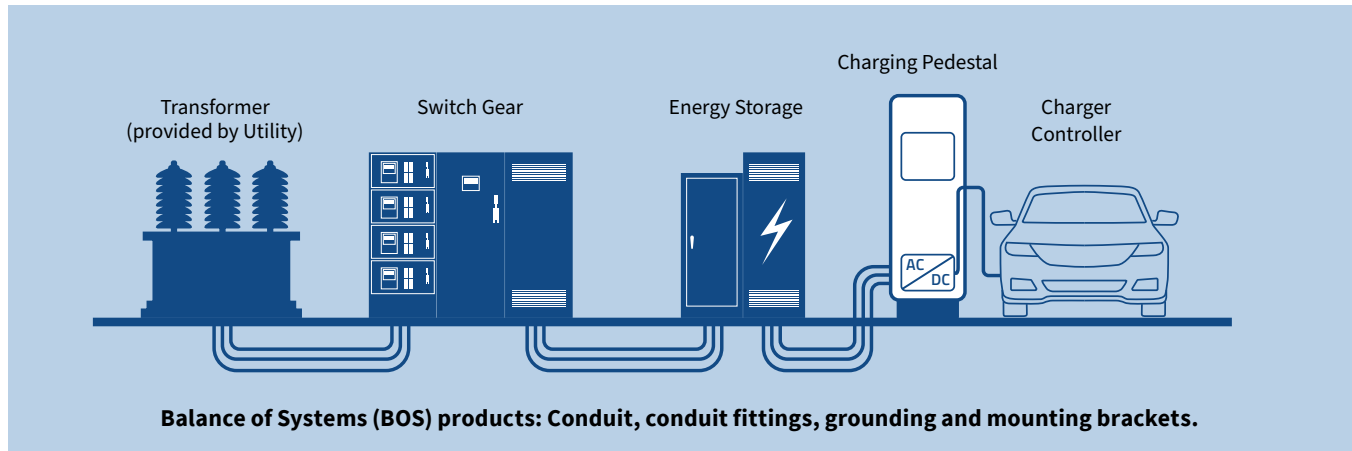
84,500+ New EV Charging Stations by 2027 in More Localized Regions

Support is available for strategic EV projects, hydrogen infrastructure for corporate fleets, last-mile delivery fleets and public transportation.

To get the latest information about the government's Zero-Emission Vehicles incentive program, visit nrcan.gc.ca



Complete End-to-End EV Charging Solutions



From Conception Through Installation and Beyond

Wesco partners with industry-leading suppliers to support the full scope of your EV project.

1. Design

- Site surveys
- Power studies
- Equipment specifications
- Drawings
- Permits
- Rebates and credits

2. Equipment

- All levels of EV Supply Equipment (EVSE) chargers and accessories
- Balance of Systems (BOS): transformers, panels, wire and conduit.

3. Installation

- Project management
- Site development
- EVSE charger installation and commissioning

4. Service and Maintenance

- Manufacturer recommended maintenance, parts stocking and replacement

Commercial charging station options with complete BOS available include:

AC Level Two Charger

- Voltage – 208V or 240V 1-Phase AC
- AMPS – 12-80 Amps (typ. 32 Amps)
- Charging Load – 2.5-19.2 kW (Typ. 6.6 kW)
- Charging Time – 19.3-96.6 Kilometres per Hour
- Workplace, fleets and public locations

DC Fast Charge

- Voltage – 208V or 480V 3-Phase AC
- AMPS – >100 Amps
- Charging Load – 50-500kW
- Charging Time – 96.6-321.9 kilometres in 20 minutes
- Public locations and high-traffic areas
- Allows for quick “topping off” of battery to help alleviate range anxiety

Wesco is uniquely positioned to provide the critical infrastructure and solutions that enable the technologies of tomorrow.

Learn more about how your inspiration drives our innovation at [Wesco.ca](https://www.wesco.ca)



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Wesco

225 West Station Square Drive, Suite 700
Pittsburgh, PA 15219

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