



# Electric Vehicle Charging Solutions



**THE FUTURE IS ON®**



## Residential

There's a good chance your home has Leviton devices installed. Anything from switches to dimmers, GFCIs to load centers... all designed to make your life easier, safer, and more productive. Your garage should be no different. Installing a Leviton EV charging station gives you safe and secure charging to get you where you need to go.

### Benefits of a residential car charger:

- Ease and convenience
- Reduces cost
- Round the clock availability and flexibility
- Better long-term battery lifespan
- Increases property value
- [rebates and incentives](#)

## Commercial

Are you a property or business owner? Make sure your location is ready to support the future of electric cars. At Leviton, we don't just provide EV chargers, we provide the total EV electrical infrastructure as well. Whether you are looking for a charger for your property or business, seeking to satisfy the requirements of your vehicle fleet, employees or customers, Leviton offers a full range of EV charging options. From basic home charging, to restricted access, to the monetization of your charger investments, we've got you covered.

### Benefits of a commercial car charger:

- Attract and retain more customers, employees, and tenants
- Establish your location as green-conscious
- Set your location apart from competitors
- Increase your property value(s)
- Experience a positive ROI
- Qualify for local, provincial, or federal rebates & incentives

Leviton offers  
**MULTIPLE SOLUTIONS**  
 for residential, commercial, and public plug-in electric vehicle charging options.

Our products are compliant with all industry standards and compatible with all major auto manufacturer's electric vehicles (SAE J1772™ compliant).



*Level 2 Residential Use Charging Station*







### SINGLE-FAMILY

Detached or semi-detached homes



## EV Series Smart Home MY LEVITON COMPATIBILITY

EV32W • EV48W • EV80W • EV40P

### ALL THE FEATURES OF THE STANDARD EV SERIES PLUS...

- Control your entire smart home, including electric vehicle charging, lighting and load center
- Schedule charging sessions
- Remotely start/stop charging
- View all smart devices on one dashboard
- View charging status
- Receive fault notifications



# EV Series

## Safe, Smart Electric Vehicle Charging





### SINGLE-FAMILY

Detached or semi-detached homes



### MULTI-FAMILY

Apartments, condos and other MDUs



### WORKPLACE

Office buildings or corporate campuses



## EV Series Standard

EV320 • EV480 • EV800

### A GREAT ALL-AROUND CHARGER

- Fast and secure charging of any SAE J1772™ compatible electric vehicle
- Optional access control; station comes with RFID disabled - simply tap RFID card to activate
- Cable design prevents cord from freezing and cracking in extreme weather
- For indoor and outdoor use, with a thermoplastic, water-resistant enclosure rated NEMA Type 3R
- Easy installation with pre-attached input cable and mounting hardware included



Leviton Certified  
EV Charging Installer

### LOOKING FOR A CERTIFIED INSTALLER?

Scan here  
to view EV-Pro  
Contractors  
in your area.







### MULTI-FAMILY

Apartments, condos and other MDUs



### WORKPLACE

Office buildings or corporate campuses



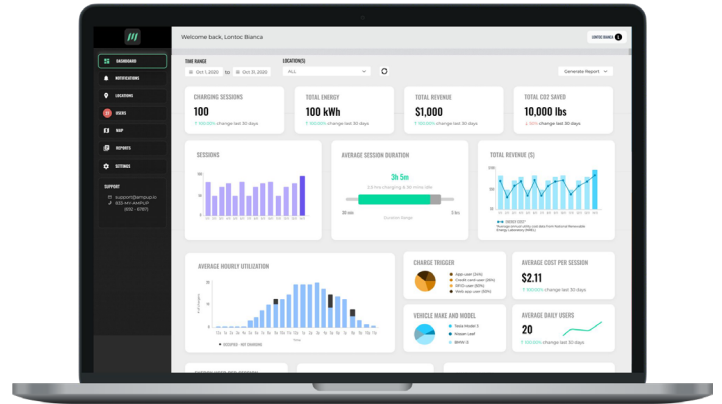
### FLEET

Charging your electric fleet



### PUBLIC

Retail and other public sites



EV charger management and networking powered by AmpUp

## EV Series Pro MANAGEMENT SOFTWARE VIA 4G

**EV48G • EV80G**  
(STANDARD FACE)

**EV48S • EV80S**  
(FEATURING LED STATUS SCREEN)

### MULTI-SITE, MULTI-STATION MANAGEMENT IN A SINGLE DASHBOARD

- Real-time analytics and data
- Automated charging and sustainability reporting
- Create multiple user groups for access control
- Control pricing according to user group access

### CHARGING MANAGEMENT SOFTWARE THAT MEETS BOTH DRIVER AND ADMINISTRATIVE NEEDS

- Multiple access control policies available via RFID, with the ability to tailor restrictions based on the needs of your site
- Notifications to station users for charging availability and business communications
- Advanced load management for lower costs while maintaining station volume
- Revenue collection during off-peak hours to offset cost
- Fleet telematics integration capabilities

## THE BRAND THAT GOES BEYOND THE CHARGER...

At Leviton, we don't just provide EV chargers.

**We provide the total EV electrical infrastructure** including surge protection, load center, metering, safety disconnects, and more.





## EV Charging in Shopping Centres

Installing EV chargers in a shopping mall parking lot will attract EV driving clientele and motivate them to stay longer. It will entice EV driving employees to apply and maintain their positions.

### OVERALL BENEFITS:

- Attract more customers and enhance customer experience
- Increases customer's time and, consequently, money spent in the centre
- Establish your location as green-conscious
- Puts your location on the Map as an EV charging station
- Set your location apart from competitors
- Qualify for local, provincial, or federal rebates & incentives

### ENVIRONMENTAL BENEFITS:

CO<sub>2</sub> emissions are a major contributor to climate change and rising global temperatures. Gas powered vehicles are major contributors to greenhouse gas emissions. Electric vehicles produce up to seven times less emissions than gas-powered vehicles, making them essential in the fight against climate crisis.

## EV Charging in Medical Facilities

### BENEFITS OF EV CHARGING STATIONS IN HOSPITALS OR DOCTOR'S OFFICES

Air quality and personal health relate closely together. Poor air quality can cause illness and increase medical costs. Having EV chargers accessible in hospital and doctor office parking lots will promote both a healthy way of living and encourage environmental protection.

Installing EV chargers in healthcare facilities will send the message that they care about their patients and their communities. It will help the staff to make the decision of switching to an electric vehicle and can foster change in the air quality, promoting both patient and environmental health. It will also give hospital staff the option to charge their electric vehicles while working long hours.

- Provides amenity and/or passive income for visitors and staff
- Saves energy and possible compensation for government, federal and local utility rebates
- Showcases the facilities green initiatives
- Safety and cleanliness



**Level 2**  
Networked Public  
Use Charging Station



**EV Series Pro**  
EV charger  
management  
and networking  
powered by AmpUp



# Federal Rebates

Canada is committed to decarbonizing the country's transportation sector and becoming a global leader in ZEVs. As such, the Government of Canada is aiming for 100% of new light-duty sales to be zero-emission by 2035. The Incentives for Zero-Emission Vehicles (iZEV) Program is continuing until March 31, 2025 (or until available funding is exhausted).

## Personal Vehicles

- Battery-electric, hydrogen fuel cell, and longer-range vehicles (electric range of 50km or more) are eligible for up to \$5000
- Hybrid and shorter-range vehicles (electric range less than 50km) are eligible for up to \$2500

► [Learn more about this incentive](#) ◀

## Zero Emission Vehicle Infrastructure Program (ZEVIP)

The ZEVIP program provides funding towards the deployment of electric vehicle (EV) chargers and hydrogen refuelling stations across Canada.

ZEVIP for owners and operators of ZEV infrastructure

- For any Level 2 (208/240 V) connector, get up to 50% of total project costs with a maximum of \$5000 per connector.
- Indigenous communities are entitled to up to 75% of total project costs with a maximum of \$7500 per connector.

► [Learn more about this incentive](#) ◀

# Provincial Incentives



Manitoba

## Charger

Financing eligible for Level 2 electric vehicle chargers

- Maximum financing per residence is \$3000
- Maximum financing term is 5 years

► [Learn more about this incentive](#) ◀



Nova Scotia

## Vehicle

### New Vehicles

- Get up to \$3000 on the purchase of a battery-electric and long-range plug-in hybrid vehicle
- Get up to \$2000 on the purchase of a short-range plug-in hybrid vehicle

### Used Vehicles

- Get up to \$2000 on the purchase of a fully battery-electric
- Get up to \$1000 on the purchase of a short-range and long-range plug-in hybrid vehicles

► [Learn more about this incentive](#) ◀

## DID YOU KNOW?

As of May 2022,  
Canadian EV drivers have been  
given access to

**MORE**  
than 16,000  
chargers

located in over 6,000 public  
charging stations, according  
to data from Natural  
Resources Canada.





## British Columbia

### Charger

#### Personal

- Owners of an EV in a single-family home are eligible for a 50% rebate (up to \$350) on an eligible Level 2 EV charger
- An additional \$250 rebate can be added if you are installing an eligible smart EV charger

#### Multi-Residential

- up to \$3000 toward the creation of an EV-Ready plan
- up to \$600 per parking space to install the required electrical infrastructure with a project maximum of \$120,000
- up to \$1400 per charger (for a maximum of \$14,000) to purchase and install Level 2 networked EV charging stations
- Stand-Alone Rebates
- Multi-residential buildings can receive up to \$2000 per charger (for a maximum of \$14,000) to purchase and install Level 2 charging stations

#### Commercial

- Workplaces can receive up to \$2000 per charger (for a maximum of \$14,000) to purchase and install Level 2 charging stations.

► [\*\*\*Learn more about this incentive\*\*\*](#) ◀

### Vehicles

The SCRAP-IT Program offers incentives up to \$300 to use towards the cost of an EV when you scrap your existing gas car.

#### Used Vehicles

- Transfer tax (12% PST) on any used fully battery-electric vehicle is being waived until 2027

#### New Vehicles

- Battery-electric and long-range plug-in hybrid vehicles (electric range of 85km or more) are eligible for up to \$4000
- Plug-in hybrids with shorter-range (electric range less than 85km) are eligible for up to \$2000

► [\*\*\*Learn more about this incentive\*\*\*](#) ◀



## DID YOU KNOW?

By 2030, Canada will mandate  
EV sales by making  
**50% of new car sales  
emissions-free,**  
growing to 100% by 2035.

In 2021, the federal government promised to spend close to \$880 million over the next four years to build 65,000 new charging stations for electric vehicles.

Currently, there are about 15,400 EVSE chargers in Canada.  
This number includes both fast and slow electric vehicle chargers.



### Vehicle

#### New Vehicle

- Get up to \$5000 on the purchase of any battery electric, hydrogen fuel cell, or long-range (electric range of more than 50km) plug-in hybrid electric vehicle
- Get up to \$3000 on the purchase of a new short-range (electric range of less than 50km) plug-in hybrid vehicle
- If the vehicle is being leased, the rebate will be pro-rated on the length of the agreement. A full rebate will be received for a lease of 3+ years

#### Used Vehicle

- Get 100% off of the shipping costs of a used vehicle previously registered outside of Yukon up to a maximum of \$1,500 per vehicle.

### Charger

- Get up to 50% off of the purchase and installation costs for a maximum of \$1,500 for 1 charger at a personal residence

► [Learn more about this incentive](#) ◀



### Vehicle

#### New Vehicles

- Obtain up to \$2500 on the purchase or lease of a fully electric vehicle
- Obtain up to \$1500 for the purchase or lease of a plug-in hybrid

#### Used Vehicles

- The same rebates as the new electric vehicles apply as long as the used vehicle has not previously received a rebate in any provincial EV rebate program

### Charger

- Commercial Rebates : Get 50% off the costs to purchase and install electric vehicle chargers for a maximum of \$5000 per Level 2 charger and up to \$50,000 per Level 3 DCFC

► [Learn more about this incentive](#) ◀



## Electric Vehicle Rebates & Incentives

As incentives change often, please visit [leviton.com/evrebates](http://leviton.com/evrebates) for more up to date informations.



### Ontario

#### Charger

Public funding available for communities with less than 170,000 people and indigenous communities, businesses, and organizations:

- Get up to 75% off of the total project cost to install public EV chargers

Businesses, non-profits, public sector, and all other applicants:

- Get up to 50% off of the total project cost to install public EV chargers

► [Learn more about this incentive](#) ◀



### Prince Edward Island

#### Vehicles

- Get up to \$5750 toward the purchase or lease of a new or used fully electric vehicle
- Get up to \$3250 toward the purchase or lease of a new or used plug-in hybrid electric vehicles

► [Learn more about this incentive](#) ◀

#### Chargers

- Get up to 75% off of the cost to install EV chargers in businesses, academic, and community organizations, including indigenous communities

► [Learn more about this incentive](#) ◀



### Northwest Territories

#### Vehicle

- Obtain up to \$7500 for the purchase of a fully battery-electric vehicle or a plug-in hybrid electric vehicle

#### Charger

- Get 100% off (up to \$500) the purchase and installation of a Level 2 charging station for home use (220 or 240 volts)

► [Learn more about this incentive](#) ◀

Not currently accepting applications for rebates on electric vehicles.





## Quebec

### Vehicle

#### New Vehicles

- Up to \$7000 for a battery-electric vehicle or hydrogen-powered (fuel cell) vehicle
- Up to \$5000 for a plug-in hybrid vehicle

#### Used Vehicles

- Obtain \$3500 on the purchase of a used fully electric vehicle

### Charger

#### Personal

- Get a rebate of up to \$600 to purchase and install a home charging station

#### Multi-Residential

- Get 50% off financial assistance to purchase and install charging stations

Financial assistance to purchase, or lease long-term, and install charging stations is equivalent to the lesser of the following amounts:

- Up to \$5000 per charging station
- 50% of the eligible expenses
- Maximum annual amount from \$20,000 to \$49,000

► [\*\*Learn more about this incentive\*\*](#) ◀

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## New Brunswick

### Vehicles

#### New Vehicles

- Get up to \$5000 on the purchase or lease of a battery-electric and long-range plug-in hybrid vehicle
- Get up to \$2500 on the purchase or lease of a short-range plug-in hybrid vehicle

#### Used Vehicles

- Get up to \$2500 toward the purchase of a used battery-electric vehicle
- Get up to \$1000 toward the purchase of a used plug-in hybrid vehicle

### Charger

- Residents or organizations that receive a vehicle rebate are eligible to claim 50% of the cost to purchase and install one new level 2 EV charger up to a maximum of \$750

► [\*\*Learn more about this incentive\*\*](#) ◀



# Ordering Information

ALL LEVITON EV CHARGERS ARE ENERGY STAR & UL CERTIFIED



## EV320, EV480, EV800

EV Series Standard (No App or Networking Capabilities)

## EV32W, EV40P, EV48W, EV80W

EV Series Smart Home: My Leviton Compatibility

- View charging station status, fault notifications, and more!
- My Leviton app control can include electric vehicle charging, lighting and load centers



## EV48G, EV80G (Standard Face)

## EV48S, EV80S (Featuring LED Screen)

EV Series Pro: Management Software Via 4G

- Multi-site, multi-station management in a single dashboard
- Charging management software that meets both driver and administrative needs



REFER TO COLOR CODES FOR MODEL DETAILS	EV320	EV32W	EV40P	EV480	EV48W	EV48G	EV48S	EV800	EV80W	EV80G	EV80S
Amperage	32 A		40 A**		48 A				80 A		
Breaker	40 A		50 A		60 A				100 A		
Voltage	208/240 VAC										
Charge Connector Cord	#10 AWG SAE J1772*			#7 AWG SAE J1772				#6 AWG SAE J1772*			
Charging Cable Length	18 ft. (5.5 m)		25 ft. (7.6 m)		18 ft. (5.5 m)						
Hardwire/Plug-In	Hardwire		Plug-In		Hardwire						
Station Operating Temp.	-22 °F to 122 °F (-30 °C to 50 °C)										
Enclosure Rating	NEMA Type 3R for both Indoor/Outdoor Use										
Standards & Certification	UL2594, UL 2231-1, UL 2231-2, UL 2251, UL 62, UL 991, UL 1998, NFPA 70 Article 625, UL840, CSA Std. C22.2#280										
Access Control	All stations come with optional access control via RFID cards										
Warranty (Limited)	2-Year					3-Year		2-Year		3-Year	

\* With Leviton NACS Adapter (Part Number: NACSA), Leviton's Level 2 charging stations can charge all Teslas

\*\* Adjustable from 16 A - 40 A

### EV SERIES ACCESSORIES

**Dual Mount Pedestal, Side/Side with Retractable Cord Management**  
Both parts must be ordered for a complete unit

- Pedestal Body } EPCMX-6
- Mounting Template } EPCMY-6
- Retractable Cord Management System }



### Single or Dual Mount Pedestals

- Single Mount **EPED1-1**
- Dual Mount, Front/Back **EPED2-2**
- Wall Hook **EHOOK**



### EV Pedestal Foundation

A direct-bury installation option for use with any pedestal. Allows for simplified installations and future-proofing properties.

**EBASE**



### Additional RFID Cards

For use with any EV Series Charger

**ERFID**

### NEMA 14-50R EV Charging Heavy Duty Single Receptacles\*

- Industrial Grade **1450R**
- Industrial Grade, Weather-Resistant **1450W\*\***

\*For use only with plug-in EV charging station (Leviton EV40P)  
\*\*Must be installed in a 2-gang outdoor box and must use code compliant weatherproof cover



### NACS Adapter

For use with any EV Series Charger

**NACSA**

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Visit our Website at: [www.leviton.com/evcharging](http://www.leviton.com/evcharging)

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