

CoRe+™

Smart level 2 EVSE for commercial and industrial applications



The CoRe+™ Electrical Vehicle Supply Equipment (EVSE) is specifically designed for private applications such as workplaces, multi-residential buildings and fleets

Features

- Robust NEMA 4X cast aluminum enclosure;
- Wall mount or pedestal configurations;
- Certified to operate in temperatures ranging from -40°C to 50°C;
- Access provided free of charge or according to a usage fee;
- RFID card and/or mobile app based authentication and payment;
- LED status indicator (Green: Available, White: In use Red: Fault).
- Cable management system (Optional)

Benefits

- Allows for minimal installation cost by sharing the same breaker with many units;
- Minimizes any increase to the building's peak power demand (minimizing the demand charges associated with it);
- Allows revenue generation through the service provided to users;
- Allows total control of service availability and usage rules;
- Complete remote management capabilities;
- Equipped with a charging cable that remains flexible at low temperature.

When the time comes to choose a solution for electric vehicle charging for a workplace, a multi-residential building (condos or rented apartments), or a fleet, several critical criteria must be addressed:

- The solution must allow the addition of charging points to keep pace with the increase in demand while minimizing installation costs.
- The solution must minimize the demand charge on the building's energy bill, (which can become substantial with uncontrolled EVSEs).
- The solution must minimize changes to the existing electric installation, limiting the required number of circuit breakers and the aggregated energy transfer to avoid exceeding the main breaker capacity.
- The solution must provide service on an fair basis to all users (free of charge or according to a usage fee).

To meet these critical criteria, AddEnergy designed the CoRe+™ EVSE, a robust commercial and industrial level 2 EVSE that can be installed indoors or outdoors.

Available Configurations



Single wall mount

Dual side-to-side charging station

Double or single pedestal

Applications

Workplace

For companies looking to offer an EV charging service to their employees, and looking for a solution that can evolve at the same rate as the demand for the service while maintaining reasonable installation and operation costs.

Fleet

For managers of electric vehicle fleets who wish to grow their charging solution with the number EVs, while maintaining the operational costs at an affordable level.

Multi-residential

For managers of residential multi-dwelling buildings (condos or rented apartments) looking to attract customers with above average income level, while generating additional revenues through an onsite EV charging service that will grow easily and in a cost effective manner, proportionate to growing demand.

Specifications

Aluminium Enclosure	NEMA 4X - Weather and vandalism proof
Charging Connector	SAE J1772™
Cable	25 feet ultra flex cable
Charging Power	Maximum adjustable from 1,2kW to 7.2 kW
Supply Voltage	208VAC or 240VAC nominal
Output Current	Maximum adjustable from 6A to 30A
Integrated GFCI Circuit Breaker	20 mA, auto reset (3 attempts at 15 minutes intervals)
Frequency	60 Hz
Operating Temperature	-40°C to +50°C / -40°F to +122°F
Weight	EVSE: 21 pounds (10 kg) Pedestal: 32 pounds (14,5 kg)
Humidity	Up to 95% (non condensing)
Power Consumption	10 W
Communication interface	ZigBee (IEEE 802.15.4 meshed network)
Networking	3G (Via communication gateway)
Certifications	CSA certified for Canada and United States

Ordering Information

Refer to the CoRe+™ Ordering guide or contact us:

Email: info@addenergie.ca

Phone: 1 877 505-2674 #202