



*The CoRe+™  
Electrical Vehicle  
Supply Equipment  
(EVSE) is specifically  
designed for private  
applications such  
as workplace, multi-  
residential and fleet.*



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 over time to keep pace with the increase in demand while minimizing installation costs.
- ▶ The solution must minimize the impact on the building's energy bill, and in particular avoid contributing to increased costs associated with the demand charges (which can become substantial with uncontrolled EVSEs).
- ▶ The solution must minimize changes to the existing AC distribution box, 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 equitable basis to all users (free of charge or according to a usage fee, whichever make the most sense over time).

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

## FEATURES

- ▶ Robust NEMA 3R certified cast aluminum enclosure;
- ▶ Wall-mounted or pedestal configurations;
- ▶ Certified to operate in temperature ranging from -40°C to 50°C;
- ▶ Access provided with or without authentication;
- ▶ Access provided free of charge or according to a usage fee;
- ▶ RFID based and/or intelligent phone based authentication;
- ▶ Can work in stand alone mode, or networked to AddEnergie's central server;
- ▶ 208V to 240V / 30A;
- ▶ Settable maximum output current;
- ▶ J1772 compliant universal connector.

## BENEFITS

- ▶ Allows for minimal installation cost by sharing the same breaker with many units;
- ▶ Permits the totally offset (or greatly minimizing) of any increase in the building peak power demand (along with the increase in 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 manageable capabilities;
- ▶ Equipped with an ultra flexible recharge cable that remains pliable and user friendly at low temperature.

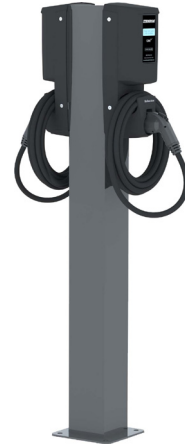
### AVAILABLE CONFIGURATIONS



Wall mounted



Single pedestal



Double pedestal

### APPLICATIONS

#### WORKPLACE

For companies looking to offer an EV recharge 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 the average incomes, while generating additional revenues through an onsite EV recharge service that will grow easily and in a cost effective manner, proportionate to growing demand.

### ORDERING INFORMATION

**Electrum Charging Solutions**  
**1 866 898 EVSE (3873)**  
**evse@electrumcharging.com**  
**www.electrumcharging.com**

SPÉCIFICATIONS	CoRe+™
CASTED ALUMINIUM ENCLOSURE	NEMA 3R - Weather and vandalism resistant
CHARGING CONNECTOR	SAE J1772™
CABLE	25 feet ultra flex cable
RECHARGE POWER	Maximum settable from 1,2kW to 7.2 kW
SUPPLY VOLTAGE	208VAC or 240VAC nominal
OUTPUT CURRENT	Maximum settable 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 (WHILE NOT RECHARGING AN EV)	10 W
AVAILABLE COMMUNICATION INTERFACES	<ul style="list-style-type: none"> <li>▶ IEEE 802.15.4 meshed network (ZigBee)</li> <li>▶ IEEE 802.11 b,g,n (WiFi)</li> <li>▶ Cellular 3G</li> <li>▶ ETHERNET</li> </ul>
CERTIFICATIONS	CSA certified for Canada and United States