

Your building's ticket to EV charging - done right.

Cerebro™ Energy Management System is Unico Power's premiere solution for condo buildings to enjoy fair and sustainable EV charging. The *Cerebro EMS cabinet is the core hardware device installed in the electrical room.*

Over the last decade, 200+ buildings have chosen Cerebro™ EMS to enjoy **reduced installation costs, easy billing & administration**, and **stable operating costs** for EV Charging.



Peak Demand Control Found Nowhere Else – Control electricity demand at the building level and save thousands in demand charges each month.



Lowest Possible Installation & Operating Costs – Intelligent power management means less conduit & material required for more EV chargers.



Stable Operating Costs for the Future – Scale EV charging without increasing demand charges.



Proven Reliability – CSA Listed & proven over 7+ years in 200+ electrical rooms. **Proudly Made in Canada** 🇨🇦



Cerebro™ EMS Cabinet



CEREBRO EMS

Why Buildings Continue to Choose Unico Power

Best in Class Customer Care

Ongoing support for the lifetime of the building. From technical troubleshooting to billing & admin - we're not satisfied until you are.

Cost Reduction at Every Stage

Less material required for installation. Lowest possible fees to customers. **Demand charges due to EV charging eliminated!**

Every Detail is Accounted for

Knowledge about best practices, installation, design and operations that only come from 7+ years in the field.

Get in Touch Today.



Cloud – Cerebro™ intelligent energy management, remote access, billing & more



Cerebro™

Hardwired Connections

Main Electrical Service



Cerebro™ EMS Cabinet

Electrical Room – Cerebro™ EMS cabinet monitors main service in real time. On-site controller makes intelligent decisions to control peak demand limit. Demand is still controlled if internet is out.



Faro™ Gateway – Wi-Fi + LoRa

LoRa

Parking Garage– Faro™ communication gateway provides stable & encrypted communication to all corners of the garage.



Maquina™ Intelligent EV Charger

Charging output is controlled between 7A and max output. Sign-up, activation, billing & remittance are handled via Unico Power app.

CEREBRO EMS

Specifications

Enclosure Type	NEMA Type 1 locking cover and DIN Rail Mounted equipment, UL listed	Meter	AcuRev 1300 3Phase 60 Hz, current transformers up to 5,000 amps
Supply Voltage	120 VAC 1ph/208 VAC 3ph 60 Hz	Power over Ethernet Switch	TP-Link POE TL – SG105PE, 5 outputs.
Supply/Input Terminal Blocks	Phoenix Contact UK 10,3-CC HESI N - Fuse holder 30A 600V	Connections	120 VAC/208 VAC input. Cat 5e/6 Ethernet with Internet connection.
Cabinet Dimensions (H X W X D)	20" x 16" x 6" (50.8 x 40.6 x 15.2cm)	Operating Temperature & Ventilation	Max 50° C ambient, passive cooling with vented cover
Cabinet Weight (Loaded)	10.9 kg (24 lbs)	Mounting	Wall mounted
Router	TP-Link ER605, 5 ports	Warranty	Lifetime warranty - guaranteed against defects in materials and workmanship for the life of the product.
Controller	Gigahertz-speed, high-capacity Maestro™ Controller. Part #202001A	Options	Additional AcuRev 1300 meter up to 5000A CTs Additional Faro communication gateway
Country of Origin	Canada	Safety	UL/CSA Listed

