

APRISA EVSE

Intelligent EV Charging Stations



The Aprisa™ family of Level 2 EVSEs

- Uses industry standard OCPP 1.6 protocol
- Integrated with Unico Power's Energy Management System to produce a truly intelligent charging solution designed specifically for Multi-Unit Residential and Commercial Buildings.
- Simple, Flexible, and Lower Cost

FEATURES

- True real time demand based energy management
- Wall, Pedestal, or even Ceiling mounted
- NEMA Type 4 Enclosure
- Communication via ultra secure Long Range (LoRa) wireless technology
- Can be daisy chained to provide up to 18 EVSEs on a single circuit
- Ultra Flexible configuration allows EVSEs to be supplied from any electrical panel
- Available standard 32 Amp and 40 Amp and settable to any limit up to maximum output
- Smartphone or PC activation and control
- SAE J1772 Standard Adapter fits all EVs sold in North America*
- UL and CSA Listed EVSE

* Tesla vehicles use an adapter that is provided with every vehicle sold

BENEFITS

- Real-time, automatic control of charging levels ensures that EV charging costs are minimized, tracked, and allocated. Not all energy management systems do this
- Application based control eliminates the need to carry yet another fob or RFID card
- On site controller operates and tracks usage even if the building's internet fails
- The LoRa radio signals are ultra long range and can penetrate multiple layers of concrete, eliminating the need for cellular repeaters
- The ability to run a dozen or more EVSEs on one circuit, and to supply these circuits from any electrical panel, significantly reduces infrastructure costs for both new and retrofit installations
- Unico Power's Energy Management System approach allows integration with future load and supply management features including Batteries, Solar, Demand Response, and Building Automation

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Integrated LoRa radio communication. Range of up to 3 km



Activation, Monitoring, Billing and History via smartphone or PC.

Standard 25' ultra flexible charge cord with SAE J1772 Coupler



SPECIFICATIONS

Enclosure Type	NEMA Type 4	Power Output	6.6 kW (208 VAC, 32A)-, 7.7 kW (240 VAC, 32A)
Supply Voltage	200-250 VAC 60 Hz	Operating Temperature	-30 to +50° C Ambient
Input/Output Current	32A (Standard), 40A Software Settable (16-40A)	Ventilation	Not required. Not for use with electric vehicles requiring ventilation
Failsafe Current	System settable (0-8A).	Mounting	Wall, Pedestal, Ceiling
Weight	kg (24 lbs) with standard cable	Communication	LoRa Long Range 915 MHz, 802.11 b,g,n (WiFi)
Dimensions (W X H X D)	19cm X 26.7cm X 10.2 cm 7.5 in X 10.5 in X 4 in	Safety	UL/CSA Listed (UL 2231, UL 2251), OCP,OTP, UTP
Charging Connector	SAE J1772 Type 1	GFCI	CCID20, auto reset (3 attempts at 15 min)
Charging Cable	25 Feet 3C10AWG + 1C18AWG 600V Type EVE	Options	Pedestal Mounting, Ceiling Mounting, Supply cable 30cm with NEMA 6-50 Plug End or can be hardwired