



## Level 2 EVSE

**EV002**

208 - 240 Vac / 80A Max

- RFID Card Reader
- Wireless Mesh Network
- Optional 4g Connectivity
- SAE J1772 EV Connector
- ISO 15118 Capable
- Integrated Management System
- Integrated Over-Current Disconnect
- Integrated SmartPower Load Management
- Designed for Installation
- Top and Bottom Entry Wiring
- Aluminum Construction
- Pedestal Mount Available
- Robust NEMA 3R Ingress Protection
- Indoor or Outdoor Installation
- Made in USA

### Application

- Fleet
- Commercial
- Multi-Tenant & Mixed-Use



		EV002-48 E800-1000	EV002-80 E800-1001
Power Input	Input Rating	208V or 240V AC single-phase	
	Connections and wiring	L1, L2, and ground, hardwired	
	Standby Power	1.61 watts	
	Metering	CSTEP certified revenue-grade meter within 1% accuracy	
Power Output	Output Rating	Maximum output: 48A	Maximum output: 80A
Protection	Internal Residual Current Detection	20 mA CCID per UL 2231	
	Integrated Over Current Safety Disconnect	60A overcurrent protection 10KA interrupting rating	100A overcurrent protection 10KA interrupting rating
	Plug-Out Protection	Power output is terminated upon detection of plug-out	
	Electrical Protection	Over-current, short circuit, over-voltage, under-voltage, ground fault, surge protection, over temperature	
User Interface and Control	Status Indicators	LED lights and audible tones	
	RFID User Authentication	ISO14443 Type A (Mifare), ISO 14443 Type B, ISO 18092	
Environmental	Operating Temperature	-22°F to 122°F (-30°C to 50°C)	
	Operating Humidity	Up to 95% relative humidity non-condensing	
Mechanical	Charging Cable Length	18' (5.5M)	18' (5.5M) or 24' (7.3M)
	Ingress Protection	NEMA 3R	
	Mounting Type	Wall-mount, pole-mount, ceiling-mount, and pedestal	
	Dimensions	H: 13"(330.2mm) W: 8"(203.2mm) D: 4.7"(119.5mm)	
	Net Weight	26 lb (12 kg)	
Regulation	Certificate	CSTEP, Energy Star, OpenADR, UL, cUL	
	Charging Interface	SAE J1772 or Tesla Connector	
Connectivity	Wireless	EverCharge mesh and optional cellular	