

EV-Flex+™

EV charging station Level 2

Meet the best-in-class EV charging network technology for at home or on the go. The EV-Flex+™ Level 2 charging station is the ideal EV charging solution for multi-tenant residential, commercial, retail or municipal properties.

Sleek, compact modern design

25% higher output than the standard EV-Flex Level 2 charger

Flexibly mounted on a wall, ceiling, pole or pedestal

WiFi + LTE cellular enabled for public or private networks

RFID, Smartphone App and Bluetooth user authentication

Tamper resistant; rated for indoor/outdoor use

Universal compatibility



EV-Flex+™ Specifications

Electrical

- 40A/9.6kW max output, 60Hz (50A OCPD)
- 208/240 VAC, single phase input
- Hardwired, singleport

Connector

- 25 ft. charging cable
- SAE J1772 Type 1 standard compliant

Network Connectivity

- Built-in Wi-Fi (802.11 b/g/n)
- Built-in LTE
- Built-in Ethernet port
- OCPP 1.6 Communication Protocol

Firmware

- 90-day, 15-minute encrypted interval data storage
- Persistent data storage upon power interruption
- Over the Air (OTA) updates available via Loop Network™

Core Specifications

- Weatherproof, dust-tight: NEMA 4 (IP66), IK10 tamper resistant
- Advanced all-band (125 kHz and 13.5 MHz) RFID and BLE reader
- Integrated cable management saddle and holster
- Operating Temperature = -30 to 50 °C / -22 to 122 °F
- Metering Accuracy = Embedded < ± 1%
- User Interface = Configurable OLED display
- Status Indicators = Power/Ready, Charging, Fault
- Wall, pole or pedestal mounting options
- Main Enclosure Dimensions = 11.14" H x 7.56" W x 3.11" D
- Weight = 5.28 kg / 11.64 lbs
- User access control through RFID, NFC, Bluetooth and/or QR code
- Built-in load management (NEC 625.42 compliant, UL 60730 recognized)
- Ground Fault Circuit Interruption: 20mA CCID
- Interrupting Current Rating: 5 kAIC

Certifications + Standards

- UL 1998/2231/2594, FCC, Energy Star, OCPP
- Open ADR 2.0b compliant
- CTEP, NTEP

Loop Network™ (Optional)

- Web-based Charger Management System (CMS)
- Mobile app (iOS/Android) for drivers
- iOS/ Android digital wallet compatible
- Public or private network enabled
- Loop Infinity Link™ compatible
- Automated billing & real-time payment resolution

Warranty

- 3-year limited product warranty (parts only)
- Additional Two Year Warranty available at additional cost

Ordering

EV-Flex+™
Single Port Charger
#EVS-40A-L2-001

