

80A EV Charging Station

Specification Sheet

- LED status indicator light
- Robust design rated for indoor or outdoor use
- Integrated charging handle holster
- WiFi, LTE, and RFID connectivity
- ISO 15118 ready, V2X

Electrical

Charging Cable	SAE J1772, 15ft. (4.5m)
Metering Accuracy	+/- 1.0% Embedded
Power Output Rating	Maximum 80A, Alternate Adjustable to 10, 12, 16, 20, 24, 32, 40, 48, or 63 Amp Outputs 19.2kW
Power Input Rating	208/240VAC, 60Hz Nominal, Hardwire
Power Wiring	3 Wire - L1, L2 Plus Earth (No Neutral)
Protections	Over/Under Voltage Surge Protection 6kV Internal GFCI (External GFCI May Cause Conflicts) Over/Under Temperature CCID 20mA

Communication

WiFi	WiFi 802.11, Type b/g/n 2.4GHz
Cellular	4G LTE (Verizon)
RFID	RFID ISO 14443A/B, ISO 15693, 13.56mHz
Ethernet	Active Ethernet Port; LAN 10/100
Station Management Software	EvoCharge Network

Enclosure

Weight and Dimensions	32 lbs (14.5 kg) 12.5 x 20.8 x 5.7 inches (317 x 529 x 145 mm)
Operational Ratings	NEMA3R, Indoor/Outdoor Rated -22°F to 122°F (-30°C to 50°C) IK10 Impact Rating Humidity: 95% Non-Condensing



Part Numbers

Model

EVC8001000	80A LTE non-networked
EVC8001003	80A WiFi with EvoCharge Network
EVC8001004	80A LTE with EvoCharge Network