



EvoCharge® EVC50 and EVC50 LTE

Commercial Electric Vehicle Charging Station

- **Fast charging:** Up to 50A for up to 45 miles range per hour charged. Works with all EV's including Tesla with an adapter.
- **Smart Charging:** Connect via WiFi, cellular, or Ethernet to manage charging stations, RFID option available
- **Custom Brand:** Add your brand for promotion.
- **Easy Installation:** Adjustable power output to fit the existing electric service. Hardwiring provides the safest, most reliable installation.
- **Flexible Cable Management:** Remote holster allows for convenient placement near car charging port.
- **Made in the USA:** From domestic and foreign parts; BABA Compliant
- **Network Configurations:** Open network capability



Product Specifications

Electrical

Power Output Rating	Maximum 12kW, 50A (at 240VAC) Adjustable to: 48A (Factory Setting), 40A, 32A, 24A, 16A
Input Voltage	208 / 240 VAC, 60Hz, 1Ø, Max 120VAC from Ground
Power Wiring	3 Wire - L1, L2, G (No Neutral)
Connector Type	SAE J1772 & NACS
Safety Protections	Ground Fault Detection (Internal GFCI): 20 mA CCID Earth Ground Detection Over/Under Temperature Surge Protection per IEC 61851-21-2
Charging Cable Length	18 ft (5.49 m)
Metering Accuracy	1.0%

Communication

WiFi	2.4 GHz and 5 GHz (802.11 b/g/n/ac)
Bluetooth®	Version 5.0 (BLE)
Protocols	OCPP 1.6J, ISO 15118 Ready
Cellular	4G-LTE
Ethernet	Active Dual Ethernet Port
RFID	RFID ISO14443A/B, ISO15693, 13.56mHz
Network	EvoCharge Network or Select Network Partners

Certifications and Standards

Certification	UL2594, UL2231-1, UL2231-2, UL1998, Energy Star®, FCC
EMC Compliance	FCC Part 15 Class B
NEC 625 Compliant	
Warranty	Standard 3 Year Manufacture Limited Liability

Enclosure

Charger Weight and Dimensions	10.91 lbs (4.6 kg) Shipping Weight: 14.03 lbs (6.74kg) 9.7 in (W) x 13.8 in (H) x 3.5 in (D) (245 mm x 351 mm x 88 mm)
Operational Ratings	NEMA 4, Indoor/Outdoor Rated -22°F to 122°F (-30°C to 50°C) IK10 Impact Rating Humidity: up to 95% Non-Condensing
Storage Ratings	-40°F to 158°F (-40°C to 70°C) Humidity: up to 95% Non-Condensing
Display	OLED Display, Charge Status Indicator (Power/Ready, Charging, Fault)
Mounting Options	Mounting Bracket for Wall or Pedestal Installation
Cable Management	Remote Charging Handle Holster and Cable Hook Included

Visit evocharge.com for more information and to download an installation manual.