

Series 8 Plus EV Charging Station



80 A

ELECTRICAL SPECIFICATION – AC OUTPUT

Number of Ports	Two
Current	Configurable up to 80A Max per port
Power	Up to 19.2kW (@240VAC) or 16.64kW (@208VAC) Max per port
Energy Metering Accuracy	+/- 1%
Charging Connector	SAE J1772

ELECTRICAL SPECIFICATION – AC INPUT

Input Connector	Hardwired
Voltage	208 or 240 VAC
Service Panel Breaker	Two-pole common trip 100A breaker, dedicated circuit per port
Power Connection	Line 1, Line 2 and GND (no neutral) per port
Standby Power	6.5 W Typical

SAFETY SPECIFICATION

Ground Fault Circuit Interrupt	20mA CCID with auto retry (every 15 seconds))
Automatic Plug-Out Detection	Power terminated per SAE J1772 spec
Surge Protection	6kV @3,000A

NETWORK SPECIFICATION

Data Communication	Cellular 4G LTE
Charging Infrastructure Communication	OCPP 1.6 compliant
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled
Load Management	Smart, dynamic allocation and distribution of power to each port

Series 8 Plus EV Charging Station



80 A

USER INTERACTION SPECIFICATION	
Charging Status Indicator	High visibility, multi-color LED visual status indication
Display	4.3" color LCD, 480 x 272
Authentication	RFID: ISO14443 Type A & B, MiFare, Felica, ISO15693
Payment	Optional: Apple/Google Pay, Contactless/Magnetic/EMV Credit Card/Tap to Pay
ENVIRONMENTAL SPECIFICATION	
Enclosure	Aluminum, NEMA 3R certified
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-30 degree C to +50 degree C ambient
Operating Altitude	≤6560 ft
MECHANICAL SPECIFICATION	
Dimensions	Charging Head: 24" H x 7.4" W x 7.5" D Charging Head w/cc reader 24" H x 7.4" W x 9" D
Approximate Weights	Charging Head: 21 lbs Charging Head w/ cc reader 21.7 lbs. Pedestal 12.5 lbs. Wall mount: 11.5 lbs.
Mounting Option	Wall or Pedestal mount
Cable Length	18ft standard, 25ft optional
Cable Organizer	Optional
REGULATION	
Safety	UL 2594 / CSA C22.2 No. 280-16 UL 2231-1 / CSA C22.2 No. 281.1-12, UL 2231-2 / CSA C22.2 No. 281.2-12 certified
EMI	FCC Part 15 Class A compliant
Energy Efficiency	Energy Star certified
Compliance	California Type Evaluation Program (CTEP) certified, Buy American ACT (BAA) compliant
Accessibility	ADA compliant