

SINGLE PORT 40 AMP LEVEL 2 COMMERCIAL CHARGING STATION WALL MOUNT



- SINGLE PORT 40A LEVEL 2
- CHARGING PROTOCOL: SAE J-1772
- 9.6 KW OUTPUT (MAX)
- NEMA 3R HOUSING
- COMM PROTOCOL: OCPP 1.5/1.6
- 7" COLOR SCREEN
- UL COMPLIANT—ETL CERTIFIED
- RFID CARD READER
- 3G/4G GPRS Modem
- OPTIONS
 - CABLE RETRACTOR
 - CREDIT CARD MAG READER
 - V2G per ISO 15118 (June 2018)

Model #	EVP-2001-40-W-0001
Power per Port	9.6 kW (240V AC @ 40A)
Electrical Service	
Power	240/208 VAC, 40A Load with 40A Branch Circuit
Service Panel	50A Breaker (No GFCI)
Service Wiring	3-wire (L1, L2, Earth Ground)
Functional Interfaces	
Connector Type	SAE J1772
Charging Protocol	SAE J1772
Standard Cable Length	>18 ft
Cable Retractor (option)	Counter Weight Overhead Retractor ADA compliant
LCD Display	1500 nits 7" color, 800 x 480, UV protected
Card Reader	ISO 14443 Type A&B, ISO 18092 NFC
Vehicle to Grid (option)	ISO 15118 (available June 2018)
Safety and Connectivity	
Ground Fault Detection	5mA CCID trip with 3 x automatic restarts
Detect Coupler Removal	Per SAE J1772™
Power Measurement	Accuracy: ± 2% from 5% to full scale (30A)
Power Report Interval	Every 15 minute on the hour
LAN (Optional)	2.4 GHz Wi-Fi (802.11 b/g/n)
Wide Area Network	3G/4G GSM, 3G/4G CDMA
Communication Protocols	OCPP 1.5/1.6
Safety and Operation	
Enclosure Rating	NEMA 3R
Regulatory Compliance	ETL certified for USA and cUL certified for Canada; complies with UL 2594, UL 2231-1, UL 2231-2, and NEC Article 625, EMC: FCC Part 15 Class A
Surge Protection	6KV @ 3000A
Operating Temperature	-30°C to +50°C (-22°F to 122°F)
Storage Temperature	-30°C to +50°C (-22°F to 122°F)
Altitude	6000 ft
Humidity	85% non condensing