

# 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)

|                                |  |
|--------------------------------|--|
| <b>Model #</b>                 | <b>EVP-2001-40-W-0001</b>  |
| Power per Port                 | 9.6 kW (240V AC @ 40A)   |
| <b>Electrical Service</b>      |  |
| Power                          | 240/208 VAC, 40A Load with 40A Branch Circuit  |
| Service Panel                  | 50A Breaker<br>(No GFCI)   |
| Service Wiring                 | 3-wire (L1, L2, Earth Ground)  |
| <b>Functional Interfaces</b>   |  |
| 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)  |
| <b>Safety and Connectivity</b> |  |
| 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   |
| <b>Safety and Operation</b>    |  |
| 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   |