

70AMP LEVEL 2 CHARGING STATION



- 16.8 KW OF CHARGING POWER
- SINGLE PORT SAE J-1772
- 25 FT CABLE
- NEMA 3R HOUSING
- RFID READER
- OCPP COMPLIANT
- GPRS MODEM
- 7" COLOR SCREEN
- UL COMPLIANT—ETL CERTIFIED
- OPTIONS
 - ADA COMPLIANT CABLE RETRACTOR
 - CREDIT CARD SCANNER
 - V2G per ISO 15118

Output Power	
Single Port Standard	16.8 kW (240V AC @ 70A)
Electrical Service	
Standard	70A Continuous Load with 100A branch circuit
Service Panel	100A dual pole: No GFCI— Conflicts with Charger GFCI
Service Wiring	3-wire (L1, L2, Earth Ground)
Functional Interfaces	
Connector Type	SAE J1772
Charging Protocol	SAE J1772
Standard Cable Length	25 ft
Cable Retractor - ADA	Optional (Cable 18 ft w/ Cable Management)
LCD Display	1500 nits 7" color, 800 x 480, UV protected
Card Reader	ISO 14443 Type A&B, ISO 18092 NFC
Vehicle to Grid Power (opt)	ISO 15118
Safety and Connectivity	
Ground Fault Detection	5mA CCID trip with 3 x automatic restarts
Plug-Out Detection	Per SAE J1772™
Power Measurement Accuracy	+/- 2% from 5% to full scale (30A)
Power Report/Store Interval	Every 15 minute on the hour
Local Area Network (Optional)	2.4 GHz Wi-Fi (802.11 b/g/n)
Wide Area Network	3G GSM, 3G CDMA
Communication Protocols	BTCPower EVPump and OCPP
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
Operating Temperature	-30°C to +50°C (-22°F to 122°F)
Storage Temperature	-30°C to +50°C (-22°F to 122°F)
Humidity	85% non condensing