

Dual Port Level 2 EV Charging Station



AC Power Input	208-240VAC 60Hz., single phase @ 40A x 2. <10W continuous power (standby)
Power Connections	Dual Port Level 2, Level 2 (2) Independent 40A branch circuits
Required Breaker Panel	(2) 40A Dual pole breaker (non GFCI type) for each port (80A total)
Output Current	30A Continuous x 2
Station Power Output	7.2kW Max (208-240VAC @ 40A) for each port
Wiring	(2) 208-240 VAC and shared Earth/Ground. Total 5 wires
EV Charging Connector	SAE J1772TM (Level 2)
EV Charging Cable	18' Long
Onboard Controls	Back lit soft-touch numeric keypad
Display	3.5" Back lit LCD monochrome (non-reflective, heated UV coated, with auto ambient light sensor)
Network Connectivity	LAN: hard wired Cat 5 for master/slave stations. WAN: Cellular network for the master station
RFID Reader	Active multi-standard
Data Inputs/Outputs	Rj45 x 2 (CAT-5 Ethernet cable connects Gateway station to Non-Gateway station)
Construction	Housing: 1/4" aluminum; Base Pad 1/2" Aluminum; End Caps: Aluminum; Head: Polycarbonate plastic
Housing Color	Gray
Enclosure rating	NEMA 3R
Operating Temperature	-30° to +130°F (-35° to +55°C)
Operating Humidity	Up to 95% non-condensing
Terminal Block Temp. Rating	212°F (100°C)
Plug Out Protection	Power cut-off per SAE J1772TM specifications
Ground Fault Protection	20mA CCID20 with 3 auto retry
Open Safety Ground Detection	Monitors safety (green wire) ground connection
Surge Protection	6kV@3000A (additional protection at panel advised)
Power Metering Accuracy	2% -/+ Accuracy
Power Report/Store Interval	15-minute, aligned to hour
Grid Health Protection	Line voltage & frequency detection logging
Safety Certification	ETL Listed. Complies: UL 2231-1, UL 2231-2, UL 2231-2, UL 991; NEC Article 625 for J1772
Weight	Pole Model: 30 lbs., Wall Model: 30 lbs., Pedestal: 73 lbs.
Dimensions	Pole/Wall Mount: 54" H X 7" W Pedestal Mount: 70" H X 7" W. Direct Burial Pedestal Mount: 102" H X 7" W
Base pad Size	12" x 12" x 12" (Pedestal Mount Only)
Warranty	1-Years-Parts Only

