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## 80A Wall-Mount EV AC Charger



For information on the optional charging pedestal, please refer to the accessory section.

### Applications

- ✓ Parking Garages
- ✓ Commercial Fleet Operators
- ✓ EV Dealer Workshops
- ✓ EV Infrastructure Operators and Service Providers

### Features

-  Designed for Residential & Commercial EV charging
-  Wired/Wireless connection for Central Management System
-  Support for RFID Card and QR Code for User Authentication and Management
-  Input: 200Vac~240Vac
-  Modern, Ergonomic and Custom Design
-  Optional 5-inch LCD Display
-  NEMA 4 Rated for Indoor/Outdoor Applications
-  Charging Interface: SAE J1772 (Type 1)
-  OCPP 1.6 JSON (Upgradeable to 2.0)
-  ISO 15118 Protocol
-  Local Load Management, Making the Field Power Configuration Planning of Charging Stations More Flexible
-  Over the Air Technology

Model Name		AX80 Series
Safety		UL Safety & EnergyStar™
Picture		
<b>Power Specification</b>		
AC Input	Input Rating	Single-Phase/L, N, PE; L1, L2, PE 200~240Vac
	AC Input Connection	TN/TT
	Input Current	80A
	Frequency	50Hz/60Hz
AC Output	Output Current	Single-Phase/80A (max) (with AC breaker capacity selection)
	Output Power	19.2kW (240Vac*80A)
<b>User Interface &amp; Control</b>		
Display		5" LCD Display, LED Indicator
User Authentication		RFID (Standard), ISO/IEC 14443 Type A/B, Felica or Contactless NFC System (Optional)
<b>Communication</b>		
Vehicle to Grid Communication Interface		ISO 15118 (upgradeable via OTA)
Network Interface		Ethernet + Wi-Fi (IEEE 802.11 b/g/n) (standard) Ethernet + Wi-Fi (IEEE 802.11 b/g/n) + 4G (optional)
Charge Protocol		OCPP 1.6 JSON (upgradeable to 2.0)
<b>Environmental</b>		
Operating Temperature		-30°C +50°C (-22°F +122°F) Standard or -20°C to +50°C (-4°F to +122°F) With External EMV Payment
Humidity		< 85% (RH), Non-Condensing @50°C (+122°F)
Altitude		≤ 2000m (6562ft)
Enclosure Protection (IK/IP Level)		NEMA 4, IK08
Cooling Method		Natural Cooling
<b>Mechanical</b>		
Dimension (WxDxH)		295mm x 158mm x 505mm (11.61in x 6.22in x 19.88in)
Weight		<13kg (28.66lbs)
Cable Length		5m (16.4ft) Standard 7.5m (24.6ft) with Optional Cable Management
<b>Protection</b>		
Input Side		UVP, OVP, Surge Protection, Ground Fault
Output Side		OCP, Control Pilot Fault, Residual Current Protection
Protocol		OTP, Relay Welding Detection, CCID Self-Test, MCU Function Fault Detection
<b>Regulation</b>		
Certification		UL2594, UL2231-1/-2, CTEP, EnergyStar™
Wireless Certification		FCC/IC
Charging Interface		SAEJ1772 Type 1 Plug

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