

PEV-AX80



Features:

- Residential and commercial EV charging
- Fast AC charging
- RFID card and QR code user authentication
- 5" LCD display (optional)
- Stylish design
- SAE J1772 (Type 1) connector
- NEMA 4 rate, indoor / outdoor use
- LED status indicators
- OCPP 1.6 JSON
- Local load management

Power Specification		
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)
User Interface & Control		
User Authentication	RFID (Standard, ISO/IEC 14443 Type A/B, Felica or Contactless NFC System (optional))	
Communication		
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)	
Environmental		
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	
Mechanical		
Dimension (WxDxH)	295mm x 158mm x 505mm (11.61in x 6.22in x 19.88in)	
Weight	<13kg (28.66lbs)	
Cable Length	7.5m (24.6ft) with Optional Cable Management	
Protection		
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	
Regulation		
Certification	UL2594, UL2231-1/-2, CTEP, EnergyStar™	
Wireless Certification	FCC/IC	
Charging Interface	SAEJ1772 Type 1 Plug	
Safety	UL Safety & EnergyStar™	