

EVB-AC-PAX11

EV Charger

Level 2 Charger


EVBOLT

LEVEL 2 AC EV CHARGER

FEATURES

- Ideal for residential and commercial EV charging
- Optional wired/wireless connection for Central Management System
- Supports RFID card & QR code for user authentication and management
- Input: 200Vac~240Vac
- Modern, ergonomic and customizable design
- Optional 5 inch LCD display
- IP protection class for outdoors: NEMA4
- Supports Over the Air Technology
- Charging interface: SAE J1772 (Type 1)
- Supports OCPP 1.6 Json (Upgradeable to 2.0)
- Supports RS232/485 external communication interface (Optional)
- Supports ISO 15118 protocol
- Supports dynamic output load distribution, making the field power configuration planning of charging stations more flexible



EVB-AC-PAX11		
Model Name		EVB-AC-PAX11
Safety		UL/cUL (North Amercia)
Picture		
Power Specification		
	Input Rating	Single-phase : 200~240Vac
AC Input	AC Input Connection	L1/L2/GND or L/N/PE
	Input Current	48A
	Frequency	50Hz/60Hz
AC Output	Output Current	48A
	Output Power	11kW
User Interface & Control		Control
Display		LED pilot lamp (standard), 5-inch LCD (Optional)
User Authentication		RFID (ISO/IEC 14443A/B , ISO/IEC 15693, FeliCa™, Mifare), ISO 15118
Meter		Meter IC(1% Accuracy)
Communication		
External		LAN+WiFi (standard) or LAN+4G+WiFi (Optional)
Internal		OCPP 1.6 JSON (Upgradeable to 2.0) EEBUS (support in 2022)
Environmental		
Operating Temperature		-30C to +50 (standard) or -20 to +50 (with payment system)
Humidity		< 85% (RH) @ 50
Altitude		≦ 2000m
Enclosure Protection (IK/IP Level)		NEMA TYPE 4
Cooling Method		Natural Cooling
Mechanical		
Dimension(WxDxH)		Approx. 295 x 158 x 505mm
Weight		<7kg (with socket); <10kg (with plug)
Cable Length		5m / 7.5m (Option and need to use cable management)
Protection		
RCD/CCID		CCID 20
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		
Certificate		UL2594, UL2231-1/-2, CTEP Energy Star
Wireless Certificate		FCC/IC
Charging Interface		SAEJ1772 Type 1 Plug

MOUNTING OPTIONS



Wall - mounted



Single pedestal



Back-to-back pedestal