



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 America)	
Picture		
Power Specification		
	Input Rating	Single-phase : 200~240Vac
AC Input	AC Input Connection	L1/L2/GND or L/N/PE
Input	Input Current	48A
	Frequency	50Hz/60Hz
AC Output	Output Current	48A
Output	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