

EVB-AC-PAX19

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)
- OCPP 1.6 JSON (Upgradable 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-PAX19

Model Name	EVB-AC-PAX19
Safety	UL/cUL (North America)
Picture	
Power Specification	
Input Rating	Single-phase : 200~240Vac
AC Input Connection	L1/L2/GND or L/N/PE
Input Current	80A
Frequency	50Hz/60Hz
Output Current	80A
Output Power	19kW
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 (Upgradable to 2.0)
Environmental	
Operating Temperature	-22°F ~ 122°F (-30°C ~ 50°C)
Humidity	< 85% (RH) @ 50
Altitude	≤ 6500ft.
Enclosure Protection (IK/IP Level)	NEMA TYPE 4
Cooling Method	Natural Cooling
Mechanical	
Dimension(WxDxH)	11.6" x 6.2" x 19.8" (295 x 158 x 505mm)
Weight	<15.4lbs (with socket) <22.0lbs (with plug)
Cable Length	16.4 ft.(24.6 ft. optional)
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