

AX Series

48A-11kW Single Phase
(North America)

32A-22kW Three Phase(EU)

Wall-mount EV AC Charger



- 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
- IP protection class for outdoors: IP56/NEMA4
- Supports Over the Air Technology
- Charging interface: SAE J1772 (Type 1)/IEC 62196-2 (Type 2)
- 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

Applications

- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops



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

Model Name	AX32 Cable	AX32 Socket	AXLU111
Safety	CE/CB (Europe)		UL/Cul (North America)
Picture			

Power Specification

AC Input	Input Rating	Three-phase : 3P+N+PE ; 380~415Vac	Single-phase: 200~240Vac
	AC Input Connection	L1/L2/L3/N/PE	L1/L2/GND
	Input Current	32A	48A
	Frequency	50Hz/60Hz	
AC Output	Output Current	32A / 16A Type-E Socket (Optional)	48A
	Output Power	22kW (adjustable 11kW)	11kW

User Interface & 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 (Accuracy<1%) MID Meter (Optional)	Meter IC (Accuracy<1%) MID Meter (Optional)	Meter IC(Accuracy<1%)

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	-30 °C to +50 °C (standard) or -20 °C to +50 °C (with payment system)		
Humidity	< 85% (RH) @50 °C		
Altitude	≤ 2000m		
IP Level	IP56	NEMA TYPE 4	
Cooling Method	Natural Cooling		

Mechanical

Dimension(WxDxH)	291 x 139 x 500mm		
Weight	9 -10 KG	6 - 7 KG	9 -10 KG
Cable Length	5m		

Protection

RCD/CCID	RCD type A + DC 6mA	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	IEC 61851-1, IEC 61851-21-2		UL2594, UL2231-1/-2 CTEP Energy Star
Wireless Certificate	RED		FCC/IC
Charging Interface	IEC 62196-2 Type 2 Plug	IEC 62196-2 Type 2 Shuttered Socket	SAEJ1772 Type 1 Plug