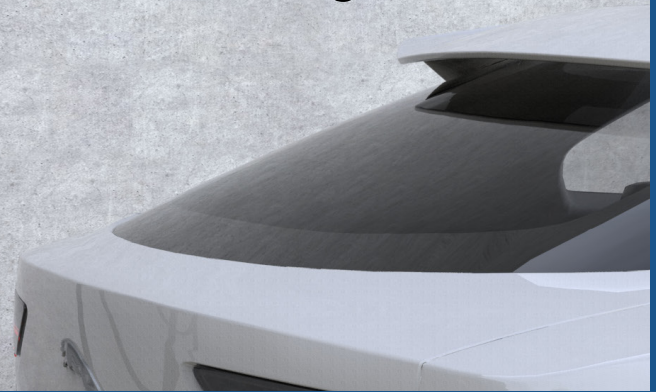# BERGER
POWERING E-MOBILITY

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

- Optional 5 inch LCD display

- 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 ISO 15118

- Support local load management, 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

info@berger-stromversorgungen.de

www.berger-stromversorgungen.de

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

Power Specification

		AX32 Cable	AX32 Socket	AXLU111
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 or L/N/PE
	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

	AX32 Cable	AX32 Socket	AXLU111
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) MID Meter (Optional)	Meter IC (1% Accuracy) MID Meter (Optional)	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

	AX32 Cable	AX32 Socket	AXLU111
Operating Temperature	-30 ℃ to +50 ℃ (standard) or -20 ℃ to +50 ℃ (with payment system)		
Humidity	< 85% (RH) @50 ℃		
Altitude	≦2000m		
Enclosure Protection (IK/IP Level)	IP56 (TYPE E Socket Model is IP55) & IK08		NEMA TYPE 4
Cooling Method	Natural Cooling		

Mechanical

	AX32 Cable	AX32 Socket	AXLU111
Dimension(WxDxH)	Approx. 295 x 158 x 505mm	Approx. 295 x 180 x 505mm	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

	AX32 Cable	AX32 Socket	AXLU111
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

	AX32 Cable	AX32 Socket	AXLU111
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