

# AXX SERIES

(North America)

**48A-11.5kW Single Phase**

(EU)

**32A-22kW Three Phase**

(North America)

**80A-19.2kW Single Phase**

(optional color)

EV Wall Mount

# AC Charger

## FEATURES



Residential and commercial EV charging



Wired/wireless connection for Central Management System



Support for RFID Card and QR Code for User Authentication and Management



Input: 200Vac~240Vac



Modern, ergonomic and custom design



5-inch LCD display



IP56/NEMA 4 Rated for Indoor/Outdoor Applications



Charging Interface: SAE J1772 (Type 1)/IEC 62196-2 (Type 2)



OCPP 1.6 JSON (Upgradeable to 2.0 OTA)



ISO 15118 Protocol



Local Load Management, Making the Field Power Configuration Planning of Charging Stations More Flexible



Over the Air Technology



For information on the optional charging pedestal, please refer to the accessory section on page 77.

## INDUSTRY



Residential



Commercial Building



Shopping Center/  
Hospitality



Outdoor Parking

EV WALL MOUNT  
AC CHARGER

## SPECIFICATION

Model Name	AX32 Cable	AX32 Socket	AXLU111	AXSC111
Safety	CE/CB (Europe)		UL/CUL (North America)	CNS (Taiwan)
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 or L/N/PE
	Input Current	32A	48A
	Frequency	50Hz/60Hz	50Hz/60Hz
AC Output	Output Current	32A / 16A Type-E Socket (Optional)	48A

### User Interface & Control

Display		
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)

### Communication

External	LAN+WiFi (standard) or LAN+4G+WiFi (Optional)
Internal	OCPP 1.6 JSON (Upgradeable to 2.0) / EEBUS

### Environmental

Operating Temperature	-30°C to +50°C (standard) or -20°C to +50°C (with payment system)
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Humidity	<95% ( RH) @50°C		
Altitude	≤ 2000m		
IP Level	IP56 (Socket Model is IP55) & IK08	NEMA TYPE 4/IK08	IP55/IK08
Cooling Method	Natural Cooling		

## Mechanical

Dimension(WxDxH)	295x158x505	295x180x 505	295x158x505
Weight	<7kg (with socket); <10kg (with cable)		
Cable Length	5m / 7.5m (Optional with Optional Cable Management)		

## Protection

RCD/CCID	RCD type B + DC 6mA	CCID 20	RCD TYPE B 30mA
Input Side	UVP, OVP, Surge Protection, Ground Fault		
Output Side	OCP, Control Pilot Fault, Residual Current Protection		
Internal	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	CNS15511-1 (2021 version) CNS15511-21-2 2021 version) CNS15700-1 (2017 version) CNS15700-2 (2021 version)	
Wireless Certification	RED	FCC/IC	NCC	
Charging Interface	IEC 62196-2 Type 2 Plug	IEC 62196-2 Type 2 Shuttered Socket	SAEJ1772 Type 1 Plug	CNS 15700-1 TYPE 1 Plug



(optional color)

## SPECIFICATION

Model Name	AXLU191	AXSC191
Safety	UL/CUL (North America)	CNS (Taiwan)
Picture		

### Power Specification

AC Input	Input Rating	Single-phase : 200~240Vac
	AC Input Connection	L1/L2/GND or L/N/PE
	Input Current	80A
	Frequency	50Hz/60Hz
AC Output	Output Current	80A

### User Interface & Control

Display	LED Indicator lamp(standard), 5" LCD Display (Optional)
User Authentication	ISO/IEC 14443 Type A/B / FeliCa (Support white list)
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

### Environmental

Operating Temperature	-30°C to +50°C (standard) or -20°C to +50°C (with payment system)
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Humidity	<95% ( RH ) @50°C	
Altitude	≤ 2000m	
IP Level	NEMA TYPE 4/IK08	IP55/IK08
Cooling Method	Natural Cooling	

### Mechanical

Dimension(WxDxH)	295x158x505	
Weight	<8kg ( with socket ); <11kg ( with cable )	
Cable Length	5m / 7.5m (Optional with Optional Cable Management)	

### Protection

RCD/CCID	CCID 20	RCD TYPE B 30mA
Input Side	UVP, OVP, Surge Protection, Ground Fault	
Output Side	OCP, Control Pilot Fault, Residual Current Protection	
Internal	OTP, Relay Welding Detection, CCID Self-Test, MCU Function Fault Detection	

### Regulation

Certificate	UL2594, UL2231-1/-2 CTEP Energy Star	CNS15511-1 (2021 version) CNS15511-21-2 2021 version) CNS15700-1 (2017 version) CNS15700-2 (2021 version)
Wireless Certification	FCC/IC	NCC
Charging Interface	SAEJ1772 Type 1 Plug	CNS 15700-1 TYPE 1 Plug



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