

AW SERIES



48A/11.5kW EV Wall Mount

AC Charger

FEATURES

- Residential and Commercial EV Charging
- Wired/Wireless Connection for Central Management System
- Supports RFID, QR Code and Optional Third Party Payment System
- Input: 200Vac~240Vac
- Modern, Ergonomic and Customizable Design
- NEMA 4R Rated for Indoor and Outdoor Applications
- Firmware Updates Through Remote Connection
- Charging Interface: SAE J1772 (Type 1)
- OCPP 1.6 JSON (Upgradeable to 2.0 OTA)
- CTEP and NTEP (NIST Handbook 44) Supports ISO 15118
- Protocol (Plug&Charge, Bi-Directional) Vehicle to Grid (V2G)/Vehicle to Home (V2H) Capable
- Integrated Cyber Security

48A EV Wall Mount

MODEL LIST

	Type 1	Type 2
RFID	✓	✓
LAN /BLE5.0	✓	✓
Wi-Fi	✓	✓
4G	-	✓
OCPP	✓	✓



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

INDUSTRY



Residential/MUD



Workplace



Retail + Hospitality



Parking + Fleet

SPECIFICATION

Model Name	AW 48A
Safety	UL Safety
Photo	

Power Specification

AC Input	Input Rating	Single-Phase/L, N, PE; L1, L2, PE/200-240Vac; 50/60 Hz
	AC Input Connection	L1/L2/GND
	Input Current	48A
	Frequency	50Hz/60Hz
AC Output	Output Current	48A

User Interface & Control

User Authentication	RFID, Smart Phone App, QR Code Optional Third Party Payment System
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Communication

Vehicle to Grid Communication Interface	ISO 15118 (upgradeable via OTA)
Network Interface	Ethernet + Wi-Fi (IEEE802.11 b/g/n) (standard) Ethernet + Wi-Fi (IEEE802.11 b/g/n) + 4G (optional)
Charging Protocol	OCPP 1.6 JSON (Upgradeable to 2.0 OTA)

Environmental

Operating Temperature	-40°F~122°F (-40°C~50°C)
Humidity	Max. 95% RH
Altitude	≤11,483ft (3500m)
IP Level/NEMA Rating	IP56/NEMA 4R
Cooling Method	Natural Cooling

Mechanical

Dimensions (WxDxH)	Without Plug: 11 x 11.5 x 5in (277 x 291 x 131mm) With Plug: 12 x 11.5 x 5in (310 x 291 x 131mm)
Weight	≤11lbs (5Kg) With Plug
Cable Length	16.4ft (5m) or 25ft (7.5m)

Protection

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

Regulation

Certification	UL2594, UL2231-1/-2, CTEP, NTEP (NIST Handbook 44)
Wireless Certification	FCC/IC
Charging Interface	SAEJ1772 Type 1 Plug