



7.7kW Level 2

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)
- Supports OCPP 1.6 (Upgradeable to 2.0)
- 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



Model Name	AW Series
Safety	UL/Cul (North America)
Picture	

Power Specification

AC Input	Input Rating	Single-phase: 200~240Vac
	AC Input Connection	L1/L2/GND
	Input Current	32A
	Frequency	50Hz/60Hz
AC Output	Output Current	32A
	Output Power	7.7kW

User Interface & Control

Display	LED pilot lamp (standard)
User Authentication	RFID (ISO/IEC 14443A/B, ISO/IEC 15693, FeliCa™, Mifare), ISO 15118
Meter	Meter IC(Accuracy<1%)

Communication

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

Environmental

Operating Temperature	-30 °C to +50 °C (standard)
Humidity	Max. 95% RH
Altitude	≤ 2000m
IP Level	IP55
Cooling Method	Natural Cooling

Mechanical

Dimension(WxDxH)	260 x 100 x 280mm
Weight	<4 KG
Cable Length	5m

Protection

RCD/CCID	RFD Type A
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
Wireless Certificate	FCC/IC
Charging Interface	SAEJ1772 Type 1 Plug