

# MaxiCharger AC Wallbox

RESIDENTIAL | WORKPLACE | COMMERCIAL PARKING | CAR WORKSHOP



Green Energy Powers the Future

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**Autel AI EVCharging system** 



# **High** Safety

## Multi-layer Protection Technology

- Charger + Cloud BMS + vehicle real-time data analysis for multiple safety pre-warnings
- Safe charging mode to prevent overcharging and maintained battery stability
- Real-time monitoring of EV battery status to prevent thermal runaway



# **High** Reliability and Protection

### **IP65 Protection**

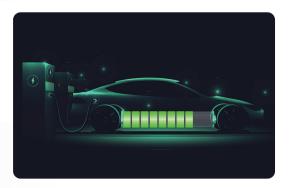
- Anti-salt spray, anti-dust and anti-condensation.
  Failure rate lowered by \80%
- Excellent design of the cooling system that makes the temperature at full load operation lower than the industry average by 10°C and the life of the whole set longer for over 8 years
- Operating temperature range at -40°C to +55°C



# Long Lasting

### **Intelligent Battery Test Technology**

- Increased EV battery life up to 20% by our industry leading AI algorithm for battery test
- Protection of EV battery via health charging mode



# **High** Convenience

#### Charging Management with Cloud System and APP

- Remote management via Autel Charge
- Remote update and diagnosis
- Easy to install and maintain with the modular design (Finish installation within 8 minutes without opening the back panel)



# **Technical Specification**

## **Product Information**

Charging mode	Mode 3 charging
Input/output power rating and current	Single phase up to 7.4kW/32A; Three phase up to 22kW/32A
Input/output voltage	230V $\pm$ 15%, single phase; 400V $\pm$ 15%, three phase; 50Hz (UK: 230V $\pm$ 10%, single phase; 400V $\pm$ 15%, three phase; 50Hz)
Network type	TT, TN
Connector Type	IEC 62196 Type 2 or Type 1 plug, 5m IEC 62196 Type 2 Socket or Socket with shutter
Internal RCD	AC 30mA, DC 6mA
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection, PME (UK)
Card Reader (Optional)	ISO 15693, ISO 14443, NFC
Power Measurement Accuracy	+/- 1.0% from 1% to full scale Build-in MID Certified meter (Only applicable to the products with LCD screen)

## **General characteristics**

IP and IK rating	IP65 (IP54 for socket version); IK08
Operating altitude	2000m
Operating temperature range	-40°C~+55°C
Storage temperature range	-40°C~+85°C
Mounting	Wall or floor using a pedestal
Dimensions (H×W×D)	336×187×85mm

### User interface

Status indication	LED/APP/Touch Screen (Optional, 5 inch LCD, 800*480)
User interface	Autel Charge APP; Autel Charge Cloud
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G (Optional), CAN, RS485 for energy meter connection
Communication protocols	OCPP 1.6J (Can be upgraded to OCPP 2.0.1 later)
User authentification	APP, RFID card

# Software update

Software update	OTA updates via web portal	
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# **Certification and standards**

Safety and Compliance	IEC/EN 61851-1, EN 62311, EN 62479, IEC/EN 62955
Certification	CE (TUV)
Warranty	36 months, warranty extension possible

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