



# MaxiCharger AC Pro 80A

Innovating AC Charging Solutions



## 5 Years

Leading architectural design and intelligent O&M platform empower our top standard of 5-year warranty\*

## 10 Minutes

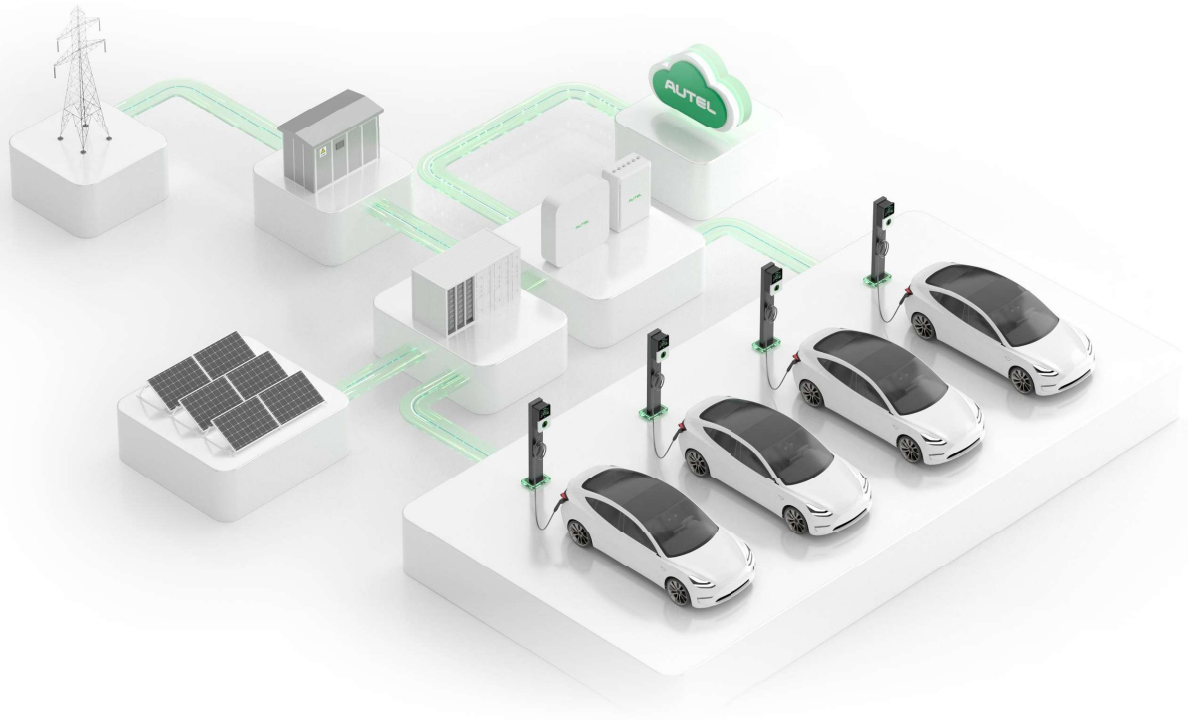
Smart, fast deployment with one-click installation and streamlined commissioning in 10 mins

## 200x

Scale up charging network by smart load balancing with up to 200 chargers, PnC & V2G ready

## Elevating Smart AC Charging Solutions

MaxiCharger AC Pro embodies our commitment to innovation, setting a new standard in AC charging intelligence. It offers a turnkey solution for destination and fleet charging with enhanced reliability through architectural optimization and robust multi-layer safety design. The advanced Wi-SUN network and one-click station setup reduce expansion costs and enable rapid deployment. Paired with the SmartBox Kit and smart O&M, it supports load management, V2G/V2H, and green energy integration.



### Full-Cycle Reliable

#### Hardware Reliability

Industry-leading architecture with top-tier components and rigorous testing ensures full-load operation at 45°C, performance guaranteed by a 5-year warranty.

#### Operation Reliability

Dual backup networks (WiFi and Wi-SUN) ensure uninterrupted communication, achieving a 99.9% online rate.

#### Maintenance Reliability

9 intelligent sensors and visualized intelligent O&M platform to ensure robust remote monitoring and multi-layered safety protection.



### Comprehensive Intelligent

#### Fast Site Setup

Smart deployment design with one-click installation in 8 minutes and 10 minutes station-level mass commissioning.

#### Smart Charging

On-cloud or local ALM/DLB technology enables on-demand power allocation, supporting smart dynamic load management for over 200 chargers.

#### Seamless Payment

ISO15118 compliant, supporting Plug & Charge/AutoCharge, and POS Kiosk enabled for convenient payment without any downloads or registration.



### Ecosystem Scalable

#### Upgraded Charging

Delivers 80A at 19.2kW, providing 70 miles of range in one hour, scaling for future vehicle charging advancements.

#### Green Energy Collaboration

Supports future-proof PV+ESS+EVSE integration, expandable for V2G/V2H, energy management, and green energy integration.



One-Click Snap-in  
Installation



Support ISO15118



Support OCPP1.6J  
OCPP2.0.1



ALM / DLB



Station-Level Mass  
Commissioning



APP, RFID Card  
POS Kiosk  
Mobile Payment



Digital Twin  
O&M Platform



Green Energy  
Integration

# Technical Specifications

Product Information	
Input/output power rating and current	19.2kW (240V AC*80A) Output amperage adjustable via mobile app, from 6A to 80A, support 16A,24A,32A,40A,48A,50A,64A,72A,80A via dip switch
Input/output voltage	208/240V AC 50/60Hz single phase, support HiLeg Delta wiring configuration
Input power connections	L1, L2, Input power connections and Earth Ground
Input cord	Hardwired
Connector type	SAE J1772/NACS
Charging cable length	6m(19ft)/7.5m (25ft)
Ground fault detection	20mA CCID
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection
Card reader	ISO 15693, ISO 14443 A/B, ISO18092
Metering accuracy	±1%, NTEP/CTEP Certified
Vehicle communication	ISO15118-2/20
Authentication methods	Plug & charge, Autocharge, RFID, Third-party apps

General Characteristics	
Enclosure rating	NEMA 3S, IK10
Operating altitude	3000m (9842ft)
Operating temperature range	-31°F~131°F (-35°C ~ +55°C) (Derate when above 113°F (45°C))
Storage temperature range	-40°F ~ +158°F (-40°C ~ +70°C)
Mounting	Wall or floor using a pedestal (ADA)
Dimensions (H×W×D)	14.5 × 8.5 × 5.1 inch (368 × 216 × 130 mm)
Package Dimensions (H×W×D)	19.4 × 14.6 × 10 inch (492 × 370 × 254 mm)
Weight	20.7 lbs (9.4kg)

User Interface	
Status indication	LEDs and 7 inch LCD,800*480 touch screen
User interface	Autel Charge APP; Autel Charge Cloud
Connectivity	4G, Wi-Fi, Ethernet, RS485, Wisun
Communication protocols	OCPP 1.6J, OCPP 2.0.1
Current control method	APP, hardware DIP switch(Dial)

Software Update	
Software update	OTA updates via web portal

Certification and Standard	
Safety standards	UL 2594, UL 2231-1, UL 2231-2, UL 1998, CSA C22.2. NO.280
Codes and standards	FCC Part 15 Class B , ENERGY STAR , OpenADR 2.0b, NEC Article 625
Lifespan	10+ years
Warranty	5 years *5-year warranty applies to the charger body only. (1-year warranty for cable and connector, and screen)

AUTEL®

# MAXI**CHARGER** ACULTRA

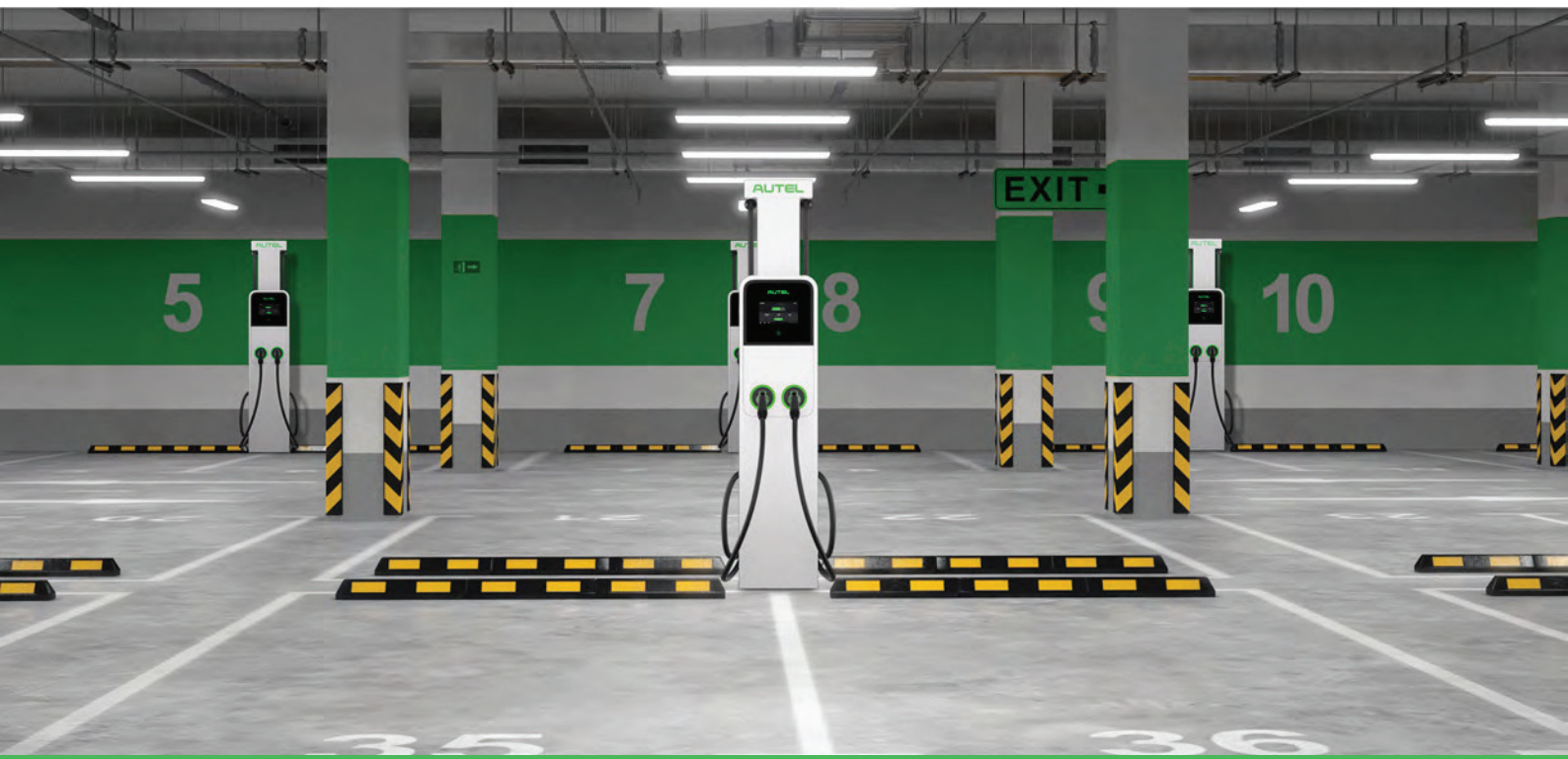
**19.2kW\*2**





# MAXI**CHARGER** ACULTRA

## The Fastest AC Charger for Two Vehicles



### **FAST AND EFFICIENT**

CREATE AN EXCEPTIONAL CHARGING EXPERIENCE

- At 19.2kW per port this charger leads the industry by fast charging 2 vehicles simultaneously, and generates 75 miles of range within 60 min
- Designed with ISO 15118 Plug & Charge, for a hassle-free charging experience



### **BEST-VALUE DESIGN**

TAILORED FOR COMMERCIAL DEPLOYMENT

- Rugged design allows it to be wall-mounted or floor-mounted to support your application needs
- One-piece construction makes it easy to install resulting in lower costs and a faster ROI



### **SMART CHARGING**

FUTURE-PROOF, FLEXIBLE AND IMPROVES YOUR BOTTOM-LINE

- Smart functionality with OCPP 1.6 and 2.0.1 compliant, can adapt its power usage and provide optimal charging today and into the future
- Reduce capital investment in power capacity

# THE BIG VALUE BEHIND THE MAXI**CHARGER** ACULTRA



Cable Management



One-piece Pedestal  
Housing Combination



WiFi Hotspot Sharing



Power Sharing



8-inch HD Advertising Screen



APP, RFID Card, Credit Card,  
Mobile Payment



One-Stop Cloud Network  
Management



OCPP1.6 / 2.0.1



Weather Resistant



# TECHNICAL SPECIFICATIONS

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## PRODUCT INFORMATION

### Input/output power rating and current

2\*19.2kW (240V AC\*80A)

### Input/output voltage

Output amperage adjustable via mobile app, from 6A to 80A

### Input wiring

208V±15%; 240V±15%, 60Hz

### Input cord

L1/L2/PE

### Connector type

Hardwired

### Ground fault detection

SAE J1772, 7.5m (25') or 5m

### Protection

20mA CCID

### Card reader

Overcurrent, overvoltage, undervoltage, integrated surge protection

### Power measurement accuracy

Optional: ISO 15693, ISO 14443, NFC

+/- 1.0% from 1% to full scale

## GENERAL CHARACTERISTICS

### Enclosure rating

NEMA 3R

### Operating altitude

2000m

### Operating temperature range

- 40°C ~ + 50°C

### Storage temperature range

- 40°C ~ + 85°C

### Mounting

Wall or floor using a pedestal

### Dimensions (H\*W\*D)

625 × 320 × 170mm

## USER INTERFACE

### Status indication

LED / APP / LCD (8 inch, 1280\*720 touch screen)

### User interface

Autel Charge APP; Autel Charge Cloud

### Connectivity

Bluetooth, Wi-Fi, Ethernet, 4G, RS485

### Communication protocols

OCPP 1.6J (Can be upgraded to OCPP 2.0.1 later)

### User authentication

APP, RFID card, Credit Cards (Optional)

## SOFTWARE UPDATE

OTA updates via web portal

## CERTIFICATION AND STANDARDS

### Safety and compliance

UL 2231-1, UL 2231-2, UL2594, NEC Article 625, CSA C22.2, UL 916

### EMC compliance

FCC 15 Class B

### Certification

Energy Star, OpenADR 2.0b

### Warranty

36 months, warranty extension possible



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**Autel Energy**

