

**AUTEL**<sup>®</sup>

**SE**  
**STRITCHCO**  
E V S

# 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**

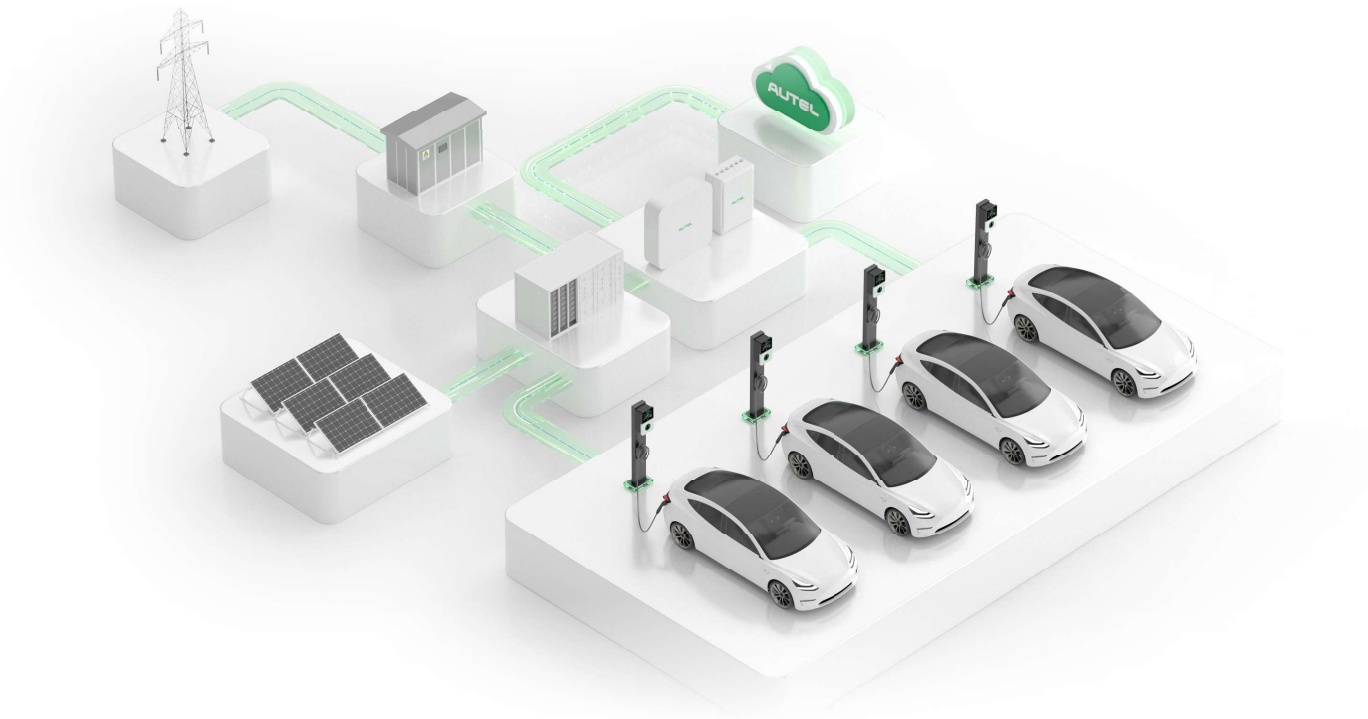
Smart, fast deployment with one-click installation and streamlined commissioning in 10 mins

**200x**

Scale up charging network by smart load balancing with up to 200 chargers, PnC & ISO 15118-20 communication capabilities

## 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 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, ISO 15118-20 communication capabilities, 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 *The 5 year warranty applies to the charger body, backplate and all internal components. A 1-year warranty is applicable for the display screen, charging cable and connector.

© Copyright 2024 Autel. All rights reserved. Specifications subject to change without notice.

