

AUTEL[®]

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

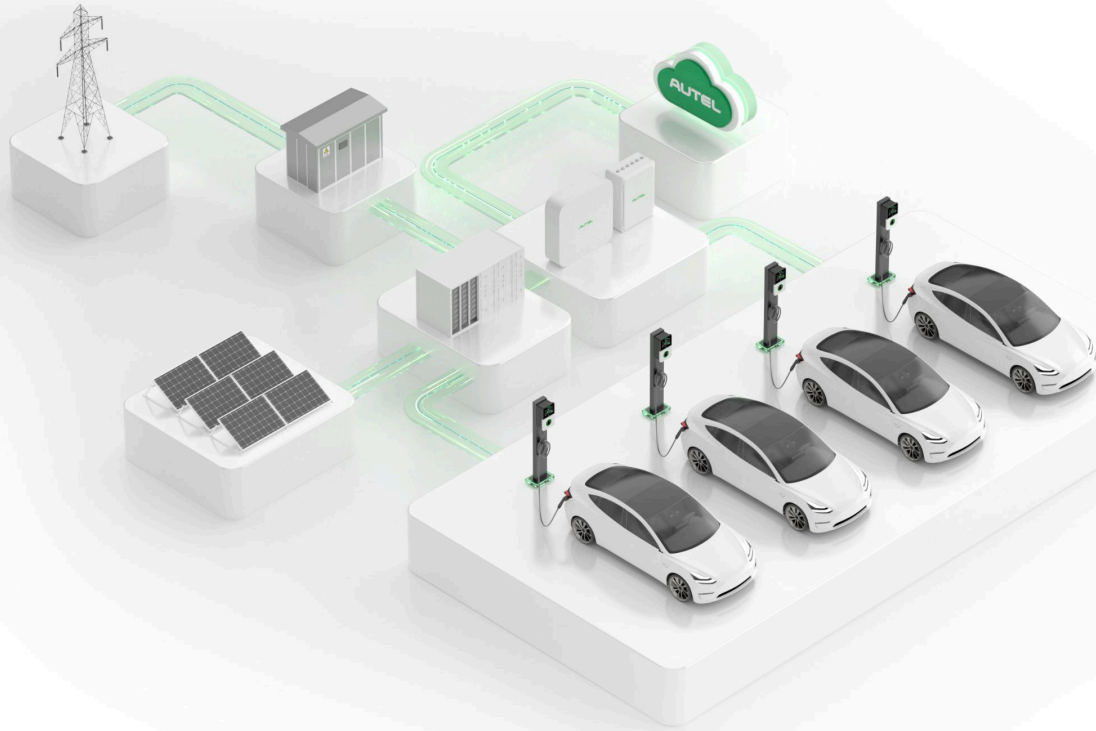
Smart, fast deployment with one-click installation and streamlined commissioning in 10 mins

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.

Pre-installation

Can be pre-installed and configured with a backplate, easily install, configure and upgrade EV Charger.



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

	LCD Version	Non-Display Version
Product Information		
Part Number	Maxi UW19C002/Maxi UW19L002	Maxi UW19LJ02
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, support HiLeg Delta wiring configuration	
Input power connections	L1, L2, Input power connections and Earth Ground	
Input cord	Hardwired	
Connector type	SAE J1772 or SAE J3400/NACS	
Charging cable length	6m(19ft) / 7.5m (25ft)	7.5m (25ft)
Ground fault detection	20mA CCID	
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection	
Card reader	ISO 15693, ISO 14443 A/B	
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 4X, IK10	
Operating altitude	3000m (9842ft)	
Operating temperature range	-31°F~131°F (-35°C ~ +55°C) (Derate when above 113°F (45°C))	-40°F~131°F (-40°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)	20.3 lbs (9.2kg)

User Interface

Status indication	7 inch LCD, 800*480 touch screen	LED / APP
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 only. A1-year warranty is applicable for charging cable and connector.

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

Phone: (844) 765-0150

E-mail: CommercialEVsupport@autel.com

