



# MaxiCharger Single Charger A12 Series

## EV Charger Station



### 5 Years

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

### 10 Minutes

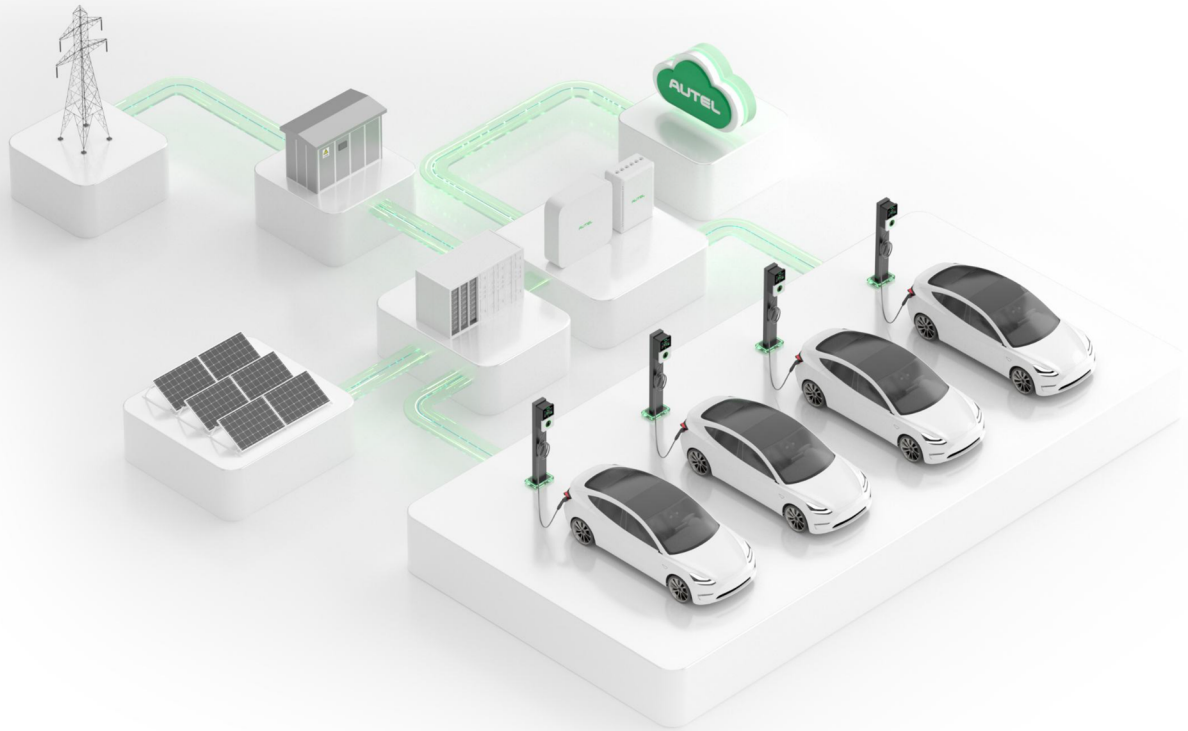
Smart, fast deployment with one-click installation and streamlined commissioning in 10 mins

### 200x

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

## Elevating Smart AC Charging Solutions

MaxiCharger Single Charger 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 5 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 50A at 12kW, providing 40 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

Digital Display version

## Product Information

Input/output power rating and current	12kW (240V AC*50A), Output amperage adjustable via mobile app, from 6A to 50A, support 16A,24A,32A,40A,48A,50A via dip switch
Input/output voltage	208/240Vac 50/60Hz single phase, support HiLeg Delta wiring
Input power connections	L1, L2, Input power connections and Earth Ground
Input cord	Hardwired
Connector type	SAE J1772 or NACS
Charging cable length	6m (19ft) / 7.5m (25ft)
Ground fault detection	20mA CCID
Protection	Overcurrent, overvoltage, undervoltage, integrated surge
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 3S, IK10
Operating altitude	2000m (6562ft)
Operating temperature range	-31°F~122°F (-35°C ~ +50°C) (Derate when above 113°F (45°C))
Storage temperature range	-40°F ~ +158°F (-40°C ~ +70°C)
Mounting	Floor stand with a pedestal (ADA)
Dimensions of EV Charger (W×D×H)	6.7 × 4.6 ×12.4 inch (170 × 117 × 315mm)
Weight of EV Charger	11.7 lbs (5.3kg)
Packing dimension of whole system	51.7 × 12.3 ×12.6 inch (1314×312×320mm)

## User Interface

Status indication	5 inch, 800*480 touch screen   Digital tube + Leds
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)

## Pedestal Specification

Dimensions of Pedestal (W×D×H)	7.7 × 2.9 × 47.2 inch (Base 10.4 × 7.1 inch)
Material	Stainless SS304
Corrosion Resistance	C4
IK rating	IK 10
Weight of Pedestal	15 lbs (6.8kg)

## 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 , 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)

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