EVOLUTION CHARGING SYSTEMS

MaxiCharger AC Pro

80A Commercial AC Charger

Charge up Your Drive, Power up Your Journey.

MaxiCharger AC Pro is the ultimate blend of power and cost efficiency in AC charging solutions that is perfect for destination and fleet charging scenarios.

MaxiCharger AC Pro operates at 19.2 kW AC with a maximum output of 80A, achieving a 70-mile range in just one hour, ensuring efficient charging and quick turnaround. Reliability is our hallmark, with a commitment to excellence in hardware, software, and communication design to deliver consistent and dependable charging experiences. Featuring intelligent vehicle and configuration recognition, dynamic power allocation, and versatile power configurations, it meets diverse charging needs, ultimately enhancing station revenue.

Maximum Output Power	Maximum Current	Input/Output Voltage
Up to 19.2 kW	Up to 80 A	208/240 V

1. Energy Pulse Output (Infrared Ray)
2. Ambient Light Sensor — Detects ambient brightness
3. Touchscreen
4. RFID Reader
5. Holster
6. Top Entries
7. Bottom Entries

Fast Charging

- Achieve high performance with a power output of 19.2 kW and a maximum current of 80A.
- Delivering future-proof charging capabilities, achieving a 70-mile range in just one hour.

Reliable

- Ensuring higher uptime through a modular product design and redundant WiFi and Wisun networks.
- Features a 16-point monitoring and warning protection system that intelligently identifies poor wiring connections

Intelligent

- Enable seamless wireless networking for up to 200 chargers, reducing site construction costs effectively.
- Employ vehicle soc recognition technology for on-demand power allocation, enhancing grid efficiency and increasing site revenue by 25%.
- Achieve dynamic load balancing within 1 second using power sharing technology, meeting future scalability needs.

User-friendly

- Plug and Charge (PnC) and AutoCharge offer seamless authentication and payment without app downloads.
- Utilize Click technology and wireless networking for a 10-minute installation, with batch configuration enabling station setup in an additional 10 minutes, resulting in significant reductions in overall installation time and costs.

Technical Specifications

Product Information

Input/output power rating and current	19.2kW (240V AC*80A)
Input/output voltage	208/240V AC 60Hz single phase
Input power connections	L1, L2, and Earth Ground
Input cord	Hardwired
Connector type	SAE J1772, NACS,
Charging cable length	6.0m (18ft), Optional 7.5 m (25ft)
Ground fault detection	20mA CCID
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection
Card reader	ISO 15693, ISO 14443 A/B
Metering	CTEP Certified (Handbook 44, Section 3.40 Compliant) ANSI C12.20 (0.5%) compliant

General Characteristics

Enclosure rating	NEMA 3S, IK09
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
Dimensions (H×W×D)	14.5 × 8.5 × 5.1 inch (368 × 216 × 130 mm)
Weight	9.4kg (With 6m charging cable)

Technical Specifications

Power efficiency	>0.99
Operating Humidity	<95%, Non-Condensing

User Interface

Status indication	LED / APP / LCD (7 inch touch screen, 800*480)
User interface	EV- oulution Charge APP; EV-olution Charge Cloud; Third Party Cloud
Connectivity	4G (Optional), Wi-Fi, Ethernet, RS485 (Modbus, expand smart energy meter, etc.), Wisun
Communication protocols	OCPP 1.6J, OCPP 2.0.1
Current control method	APP, hardware DIP switch(Dial)

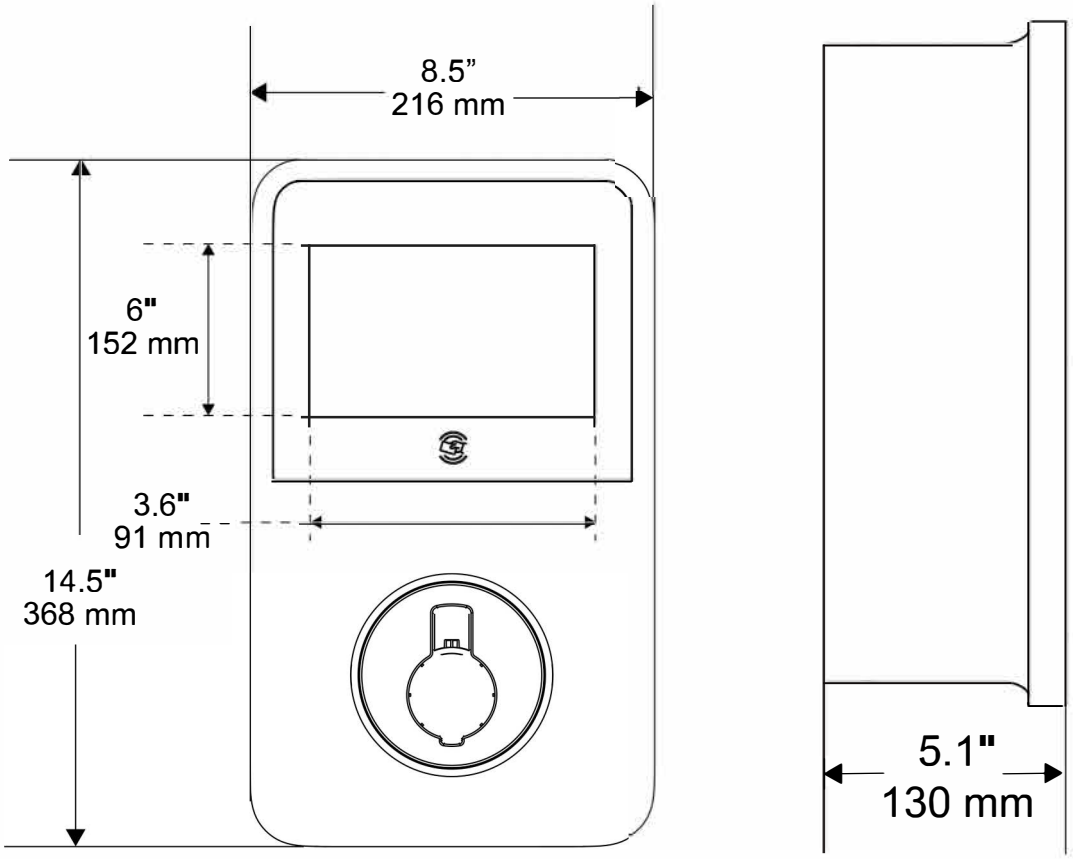
Software Update

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	3 years (Extendable up to 5 years)

Mechanical Dimensions



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