EV CHARGING SOLUTION
AC Charger / AC MAX

Features

- 19kW AC charger improves parking turnover
- RFID and ISO 15118 authentication for user management
- Low standby power consumption for energy-saving
- Remote management by built-in network connectivity
- OCPP compliance enables backend system integration
- IP55 and wallmount/stand installation provides high adaptability

Commercial Building   Parking Lot   Fleet   Residential Area

ΔELTA

Compact and Powerful -
Liven up Business and Home Charging

AC MAX is a smart AC charger supporting maximum 19kW output and global charging interface. With NEMA 3R / IK 09 and compact design, AC MAX provides high adaptability to outdoor and space-limited sites. By supporting ISO 15118, network connectivity and compatible with OCPP, AC MAX reserves the interoperability for system integration and can be an ideal solution for commercial and residential charging sites.

Feature Highlights

Network Connectivity
Bluetooth, Ethernet, Cellular, Wifi

Max. Adaptability

• Global charging standard
• Compact design
• Flexible installation
• NEMA 3R / IK 10

User Authentication
RFID reader, ISO 15118

Max. Performance

• Up to 19kW output
• Low standby power
• Over-the-Air (OTA) configuration

Charging Standard
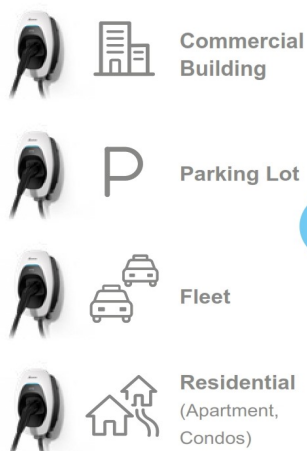
SAE J1772

Max. Interoperability

• RFID, ISO 15118 identification
• Network connectivity
• OCPP backend compatibility
• Energy management

Wiring
Bottom fed, Rear fed

Application Scenario

Charging Network

Commercial Building

Parking Lot

Fleet

Residential
(Apartment, Condos)

Backend Office

EV Charging Network Management System

Mobile App access for remote control

Applications

Energy Management

Membership Management

Site / Building Management

… and more

Specifications

Part Number	EIAW-U	
Power	**Single Phase**	
Input / Output Rating	208-240Vac, single phase, 48 A or 80 A, 60 Hz	
Wire	L1, L2, PE, hardwired with terminal block	
Standby Power *	< 2.6 W	
Max. Output Power	11 kW or 19 kW	
Charging Interface	SAE J1772	
Protection		
Internal RCD	CCID20	
Electrical Protection	Over current, Under voltage, Over voltage, Over temperature, Surge protection, Short circuit, Ground fault	
Upstream Breaker	In accordance with local regulations	
Cold-Load Pickup	Randomized delay before charge resume after power failure	
Automatic Recovery	Automatically resume charging after a minor fault. No user intervention required	
Environment		
Operating Temperature	-22 ºF to +122 ºF (-30 ºC to +50 ºC)	
Storage Temperature	-40 ºF to +176 ºF (-40 ºC to +80 ºC)	
Humidity	< 95% relative humidity, non-condensing	
Altitude	Up to 6,500ft (2,000m)	
Mechanical Design		
Ingress Protection	NEMA 3R	
Enclosure Protection	IK09 according to IEC 62262	
Cooling	Natural cooling	
Charging Cable Length	25ft	
Dimension (W x H x D)	8.6 x 14.6 x 6.6 inch (218 x 371 x 167 mm) excluding charging cable, mounting plate and cable holder	
Weight **	8.3 lbs (3.8 kg), without package	
Regulation		
Certificate / Compliance	UL, cUL, FCC Part 15 Class B, ENERGY STAR	
Installation		
Accessory	Stand (optional)	

Version	Basic	Smart
User Interface & Control		
Display	LED bar, 4 colors	LED bar, 4 colors
Charger Configuration	Maximum charging current selected by hardware DIP switch	
User Authentication	-	ISO/IEC 14443 RFID card reader, ISO 15118
Communication		
Network Interface	Bluetooth	Bluetooth, Ethernet, Wifi, Cellular
Charging Protocol	-	OCPP 1.6J, upgradable to OCPP2.0
Metering		
Meter	-	meter IC

* Product outlook depends on model configuration. Specifications are subject to change without notice.
** Depends on model configuration.