



# 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



# DELTA

# 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

**Max. Performance**

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

**Charging Standard**



**Network Connectivity**  
Bluetooth, Ethernet, Cellular, Wifi

**Wiring**  
Bottom fed, Rear fed



**Max. Adaptability**

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

**User Authentication**  
RFID reader, ISO 15118



**Max. Interoperability**

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

## 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
<b>Power</b>	<b>Single Phase</b>
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
<b>Protection</b>	
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
<b>Environment</b>	
Operating Temperature	-22 °F to +122 °F ( -30 °C to +50 °C)
Storage Temperature	-40 °F to +176 °F (-40 °C to +80 °C)
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 6,500ft (2,000m)
<b>Mechanical Design</b>	
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
<b>Regulation</b>	
Certificate / Compliance	UL, cUL, FCC Part 15 Class B, ENERGY STAR
<b>Installation</b>	
Accessory	Stand (optional)

Version	Basic	Smart
<b>User Interface &amp; Control</b>		
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
<b>Communication</b>		
Network Interface	Bluetooth	Bluetooth, Ethernet, Wifi, Cellular
Charging Protocol	-	OCPP 1.6J, upgradable to OCPP2.0
<b>Metering</b>		
Meter	-	meter IC

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

\*\* Depends on model configuration.



More information

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