



EV Charging Solution

AC Charger / AC MAX

- Flexible 19 kW AC platform to cater for diverse charging application requirements
- Low standby power consumption for energy-saving
- Compact design with robust enclosure for indoor and outdoor environment



Commercial
Building



Parking



Residential
Area



Compact and Powerful - Liven up 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.



Application Scenario

Charging Network



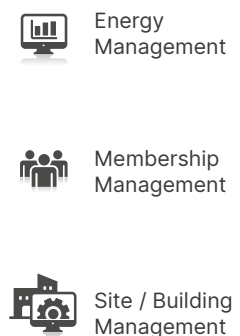
Backend Office

EV Charging Network Management System



Mobile App* access for remote control

Applications



... and more

* Mobile App planned

Feature Highlights



AC charger to optimize charging activity

- Extremely low standby power for energy-saving and cost optimization



Compact design with robust enclosure

- Compact design : 218 × 371 × 167 mm
- All-weather protection : NEMA 3R / IK09
- Optional wall mount or pedestal mount



Complete system integration for better charging services

- OCPP protocol and network connectivity
- Interoperate with related business, service, and 3rd party applications

Product at a Glance

Network Connectivity

Bluetooth, Ethernet, Cellular, WLAN

User Authentication

RFID reader, ISO 15118

Charging Interface

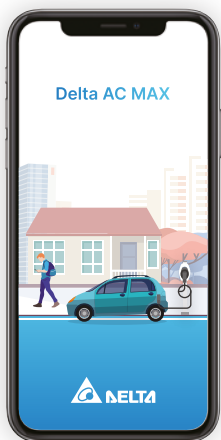
 SAE J1772

Wiring

Bottom feed, Rear feed



Delta AC MAX App



Hassle-free Connection

Set up in a few steps to get AC MAX ready.









One Tap Charging

Start and stop charging with your smartphone. Monitor the status anytime.

Customize your Preference

Create your charging session schedule and user list to fit home charging needs.

Embedded Features

-  Start / Stop Charging
-  Scheduled charging
-  Maximum Charging Current
-  Firmware Update
-  LED Indicator Brightness
-  Charging History
-  User Management
-  Mobus Setting



Delta AC MAX



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 °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)
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 × 14.6 × 6.6 inch (218 × 371 × 167 mm) excluding charging cable, mounting plate and cable holder
Weight **	15.7 lbs (7.1 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, WLAN, 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.



More information

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