



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



Compact and Powerful - Liven up Home Charging

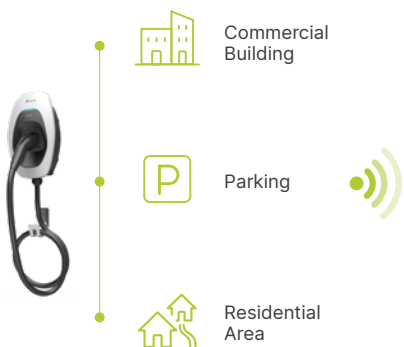
AC MAX is a smart AC charger supporting maximum 19kW output and global charging interface. With NEMA 3R / IK 09 and compact design, AC MAX provides high adaptability to outdoor and space-limited sites.

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



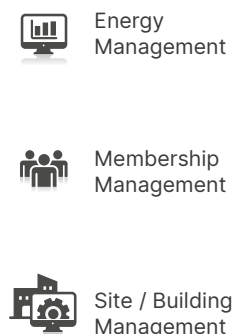
Backend Office

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

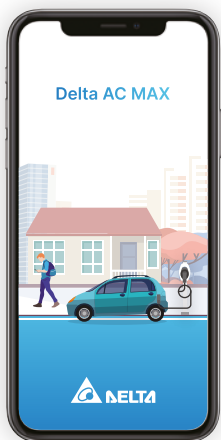
 SAE J1772

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.



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More information