



## EV Charging Solution

# AC Charger / AC MAX

- Flexible 21 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

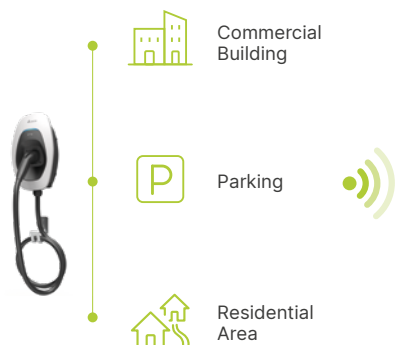
AC MAX is a smart AC charger supporting maximum 21kW output and global charging interface. With IP55 / IK09 and compact design, AC MAX provides high adaptability to outdoor and space-limited sites. By

supporting, 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



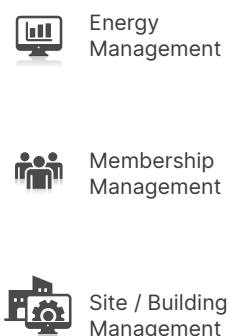
### Backend Office

EV Charging Network  
Management System



Mobile App access  
for remote control

### Applications



... and more

## Feature Highlights



AC charger to optimize charging activity

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



Complete system integration for better charging services

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



Compact design with robust enclosure

- Compact design : 218 × 371 × 167 mm
- All-weather protection : IP55 / IK09
- Optional wall mount or pedestal mount

## Product at a Glance

### Network Connectivity

Bluetooth, Ethernet, Cellular, WLAN

### Charging Interface



GB/T 20234



### User Authentication

RFID reader

### Wiring

Bottom feed, Rear feed

# Specifications

Part Number	EIAW-G	
Power	Single Phase	Three Phase
Input / Output Rating	220 Vac, 32A (maximum), 50-60 Hz	380 Vac, 32 A (max.), 50-60 Hz
Wire	L, N and PE, hardwired with terminal block	L1, L2, L3, N and PE, hardwired with terminal block
Standby Power *	< 2.6 W	
Max. Output Power	7 kW	11 kW or 21 kW
Charging Interface	GB/T 20234	
Protection		
Internal RCD	AC 30 mA, DC 6 mA	
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	-30 °C to +50 °C (-22 °F to +122 °F)	
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)	
Humidity	< 95% relative humidity, non-condensing	
Altitude	Up to 2,000m (6,500ft)	
Mechanical Design		
Ingress Protection	IP55	
Enclosure Protection	IK09 according to IEC 62262	
Cooling	Natural cooling	
Charging Cable Length	5m	
Dimension (W x H x D)	218 × 371 × 167 mm ( 8.6 × 14.6 × 6.6 inch) excluding charging cable, mounting plate and cable holder	
Weight **	3.8 kg (8.3 lbs), without package	
Regulation		
Certificate / Compliance	CQC, GB/T 18487.1, GB/T 18487.2	
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	Key switch	ISO/IEC 14443 RFID card reader
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



More information

## Delta Electronics Inc.

16 Tungyuan Road, Chungli Industrial Zone, Taoyuan City 32063, Taiwan

TEL : +886 3 4526107

E-mail : evcs@deltaww.com

[evcharging.deltaww.com](http://evcharging.deltaww.com)



2022/07