Commercial Building · Parking Lot · Service Station · Fleet · Residential Area

EV CHARGING SOLUTIONS
AC Charger / AC MAX

Features

- 80 Amp output power saves time and improves parking turnover
- ISO15118, RFID, APP user authentication
- OCPP compatible for back-office management system
- Over-The-Air (OTA) remote update and maintenance
- NEMA 3R and compact design provides high adaptability

Commercial Building   Parking Lot   Service Station   Fleet   Residential Area

ΔELTA

Enabling Your Smart EV Charging Infrastructure

To meet the requirements of residential and commercial EV charging, Delta provides AC MAX 80 Amp AC charger with high environmental adaptability and remote operation functionalities. With its IP55 and compact design, AC MAX can be installed in outdoor environment meanwhile save space. By RFID authentication, site management system (SMS) integration, OCPP protocol, and Over-the-Air (OTA) functions, AC MAX can help station owners and operators build up an AIoT-based EV charging network.

Specifications

Part Number	EVAAU-
Power	**Single Phase**
Input / Output Rating	240 Vac, 80 A (maximum), 60 Hz
Wire	L, N and PE, hardwired with terminal block
Standby Power *	< 2.6 W
Max. Output Power	19.2 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.
User Interface & Control	
Display	LED bar
Switch	Key switch
Charger Configuration	Maximum charging current selected by hardware DIP switch
User Authentication	ISO/IEC 14443 A/B Mifare RFID reader
Communication	
Network Interface	Bluetooth, Ethernet, WLAN (optional), Cellular (optional)
Charging Protocol	OCPP 1.5-S, OCPP 1.6-J, upgradable to OCPP 2.0
Environment	
Operating Temperature	-30 °C to +50 °C (-22 °F to +122 °F), > 50 °C current de-rating
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 2,000 m (6,500 ft.)
Mechanical Design	
Ingress Protection	NEMA 3R
Enclosure Protection	IK08 according to IEC 62262
Cooling	Natural cooling
Dimension (W x H x D)	218 x 371 x 167 mm (8.6 x 14.6 x 6.6 inch) excluding charging cable, mounting plate and cable holder
Weight	3.8 kg (8.3 lbs), without package
Regulation	
Certificate / Compliance	UL 2231-1, UL 2231-2, FCC Part 15 Class B, ENERGY STAR
Installation	
Accessory	Stand (optional)

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