EV CHARGING SOLUTION
AC Charger / AC Mini Plus

Features

- Intuitive user interface
- RFID for user authentication
- Multi-communication options for backend integration
- Adjustable operating current adaptive to the environment

Residential Area   Parking   Service Station   Workplace   Fleet

Small, Simple, and Smart for Home and Commercial Charging Applications

Delta's AC Mini Plus features an intuitive user interface, RFID function for charging authentication, and a casing designed for both indoor and outdoor environments. Equipped with multiple communication options and OCPP 1.5/1.6 connectivity, it can be configured for various charging applications. Easy to install with clear wiring instructions, it has an adjustable operating current so that the amperage can be set according to the requirements of the installation site.

Specifications

Part Number	EVPE-
Power Input	
Input Rating	230 Vac, single phase, 16 A or 32 A maximum, 50 / 60 Hz
Number of Phase / Wire	L, N and PE (Ground), hardwired with terminal block
Standby Power *	< 6.5 W
Internal RCD	30 mA RCD and DC 6 mA RCD function
Power Output	
Output Rating	230 Vac, single phase, 16 A or 32 A maximum, 50 / 60 Hz 3.68 kW or 7.4 kW maximum
Charging Interface*	(1) IEC 62196-2 Type 1 or Type 2 tethered plug, 5 m cable (2) IEC 62196-2 Type 2 Socket
Protection	
Upstream	In accordance with local regulations
Electrical Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault, Plug-out protection
Cold-Load Pickup	Randomized delay before charge resume after power failure
Automatic recovery after nuisance trip	The EVSE will automatically resume charging after a minor fault such as OVP, UVP, OTP or OCP. No user intervention required.
User Interface & Control	
Status Indicators	Power, Status, Charge, Fault
Buttons and Switch*	Key switch, On/Off switch, Reset button, Emergency stop button
Charger Configuration	Charging Current Adjustment, Charging Duration Limitation
Communication	
Network Interface	Ethernet (standard), WLAN (option), 3G (option) for backend communication Ethernet (standard) for local access
Charging Protocol	OCPP
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 2,000 m (6,000 ft.)
Mechanical Design	
Ingress Protection	IP55
Enclosure Protection	IK08 according to IEC 62262
Cooling	Natural cooling
Dimension (W x H x D) / Weight	318 x 363 x 136 mm (12.6 x 14.3 x 5.4 inch), excluding charging cable, mounting plate and cable holder, 3.7kg (8.2 lbs), without package
Regulation	
Certificate / Compliance	CE, IEC 61851-1, IEC 61851-2

*Depends on model configuration. Specifications are subject to change without notice.

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