

## **EV CHARGING SOLUTION**

# AC Charger / AC MAX

### **Key Features:**

- 22kW AC charger improves parking turnover
- RFID and ISO 15118 authentication for user management
- Low standby power consumption for energy-saving
- Remote management by built-in network connectivity
- OCPP compliance enables backend system integration
- IP55 and wallmount/stand installation provides high adaptability

### **Applications**









Commercial



# **Compact and Powerful - Liven up Business and Home Charging**

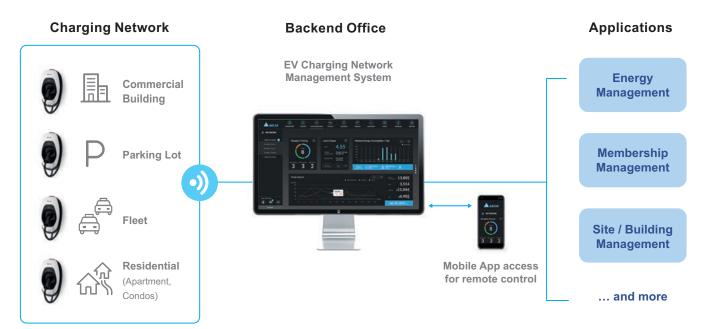
AC MAX is a smart AC charger supporting maximum 22kW output and global charging interface. With IP55 / IK08 and compact design, AC MAX provides high adaptability to outdoor and space-limited sites. By supporting ISO 15118, network connectivity and compatible with OCPP, AC MAX reserves the interoperability for system integration and can be an ideal solution for commercial and residential charging sites.



### **Feature Highlights**



## **Application Scenario**



## **Specifications**

Part Number	EVAAE-		
Power	Single Phase	Three Phase	
Input / Output Rating	230 Vac, 32 A (maximum), 50 Hz	400 Vac, 32 A (maximum), 50 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	7.4 kW 11 kW, 22 kW		
Charging Interface *	<ul><li>(1) IEC 62196-2 Type 1 or Type 2 tethered plug, 5 m cable</li><li>(2) IEC 62196-2 Type 2 Socket</li><li>(3) IEC 62196-2 Type 2 Socket with shutter</li></ul>		
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), > 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 4,000m (13,000 ft.)		
Mechanical Design			
Ingress Protection	IP55		
Enclosure Protection	IK08 according to IEC 62262		
Cooling	Natural cooling		
Charging cable length	5m		
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 hanger		
Weight	3.8 kg (8.3 lbs), without package		
Regulation			
Certificate / Compliance	CE, IEC 61851-1, IEC 62196-2		
Installation			
Accessory	Stand (optional)		

Version	Basic	Smart	Premium		
User Interface & Control					
Display	LED bar, 4 colors	LED bar, 4 colors	LED bar, 4 colors		
Switch	Key switch	-	-		
Charger Configuration	Maximum charging current selected by hardware DIP switch				
User Authentication	-	ISO/IEC 14443 RFID card reader	ISO/IEC 14443 RFID card reader		
		ISO 15118 Plug & Charge	ISO 15118 Plug & Charge		
Communication					
Network Interface	Bluetooth	Bluetooth, Ethernet, WLAN or Cellular	Bluetooth, Ethernet, Cellular		
Charging Protocol	-	OCPP 1.5S, OCPP 1.6J, upgradable to OCPP2.0	OCPP 1.5S, OCPP 1.6J, upgradable to OCPP2.0		
Metering					
Meter	-	meter IC	MID meter*		

<sup>\*</sup> Product outlook depends on model configuration. Specifications are subject to change without notice.





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