



# EV CHARGING SOLUTION

## AC Charger / AC MAX

### Key Features:

- 22kW AC charger improves parking turnover
- RFID 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



Parking



Commercial



Fleet



Residential

**BALARK SOLAR PRIVATE LIMITED**

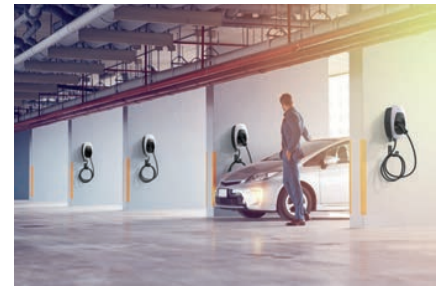


**DELTA**

Smarter. Greener. Together.

# 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 / 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.



## Feature Highlights

**Max. Performance**

- Up to 22kW output
- Low standby power
- Over-the-Air (OTA) configuration

**Charging Standard**

IEC 62196-2 Type 2

**Wiring**  
Bottom fed, Rear fed

**Network Connectivity**  
Bluetooth, Ethernet, Cellular, Wifi



### Max. Adaptability

- Global charging standard
- Compact design
- Flexible installation
- IP55 / IK09

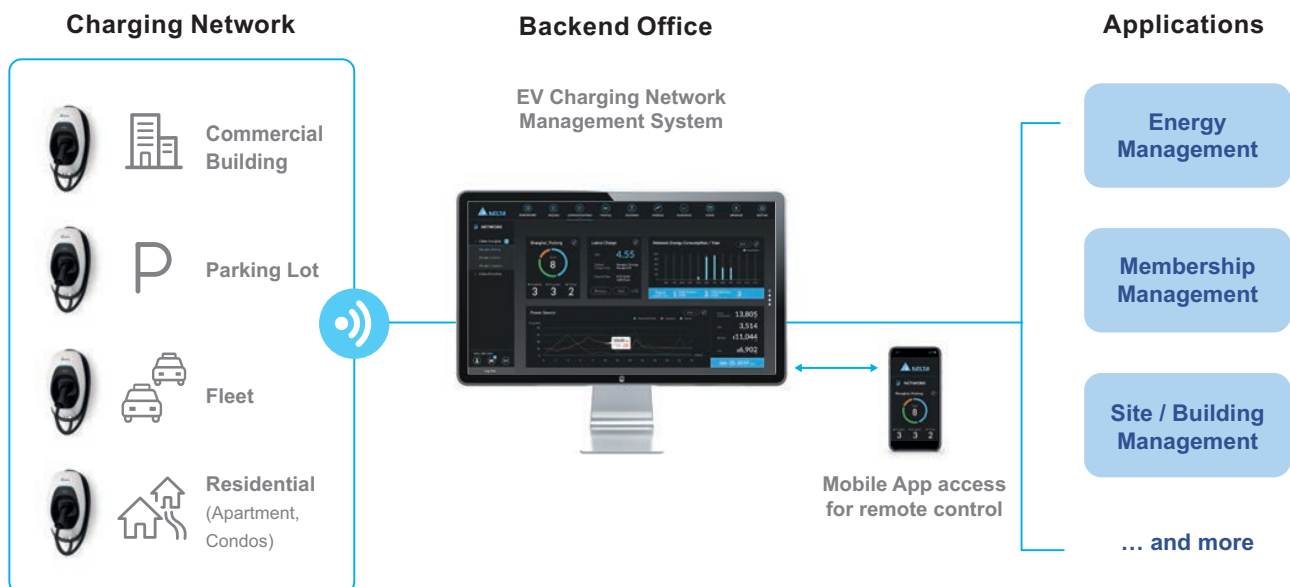
**User Authentication**  
RFID reader



### Max. Interoperability

- RFID identification
- Network connectivity
- OCPP backend compatibility
- Energy management

## Application Scenario



# Specifications

Part Number	EVA AE-	
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 *	(1) IEC 62196-2 Type 2 tethered plug, 5 m cable	
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 (6,500 ft.)	
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 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
User Interface & Control		
Display	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,
Metering		
Meter	-	meter IC

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

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