



EV Charging Solution

AC Charger / AC MAX - Basic

- Flexible 22 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

Model: EIAW-E22KTBE5A02



Commercial
Building



Parking



Residential
Area



Compact and Powerful - Liven up Home Charging

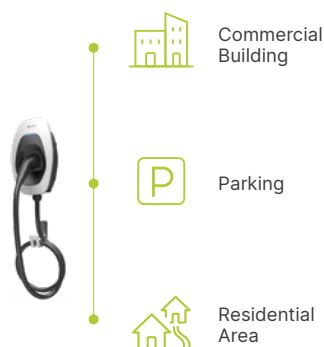
AC MAX Basic enables 3-phase charging up to 22 kW. The maximum charging power can be easily set to the available power capacity by adjusting the internal DIP-switches. With its compact, IP55 and IK10 rated design AC MAX Basic is the perfect solution for indoor and outdoor installations. The integrated key switch provides robust and easy-to-use access control system.

The plug and play design reduces installation and commissioning time. By supporting Over-the-Air (OTA) firmware update via Bluetooth, AC MAX Basic is the future-proof charging solution for residential applications.



Application Scenario

Charging Network

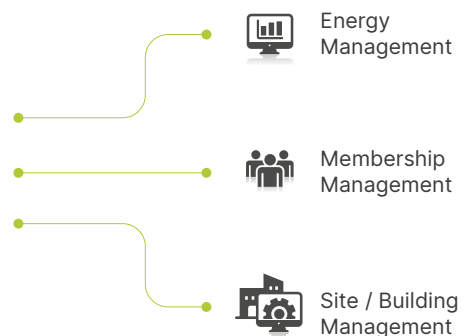


Mobile App

Mobile App* access for remote control



Applications



... and more

* Mobile App planned

Feature Highlights



22 kW

AC charger to optimize charging activity

- Three phase charging with 22 kW output power
- Extremely low standby power for energy-saving and cost optimization



Compact design with robust enclosure

- Compact design : 218 × 371 × 167 mm
- All-weather protection : IP55 / IK10
- Optional wall mount or pedestal mount



Complete system integration for better charging services

- Interoperate with related business, service, and 3rd party applications

Product at a Glance

Network Connectivity
Bluetooth

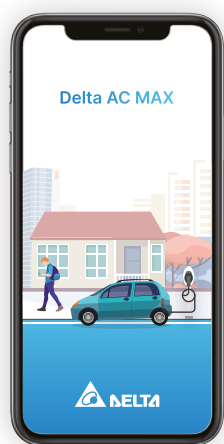
Key Switch

Charging Interface
 IEC 62196-2 Type 2

Wiring
Bottom feed, Rear feed



Delta AC MAX App



Hassle-free Connection

Set up in a few steps to get AC MAX ready.

One Tap Charging

Start and stop charging with your smartphone.
Monitor the status anytime.

Customize your Preference

Create your charging session schedule and user list to fit home charging needs.

Embedded Features

-  Start / Stop Charging
-  Scheduled charging
-  Maximum Charging Current
-  Firmware Update
-  LED Indicator Brightness
-  Charging History



Delta AC MAX



Specifications

Model	EIAW-E22KTBE5A02		
Power Input		Single Phase	Three Phase
Nominal Current	230Vac, 32 A (maximum)		400Vac, 32 A (maximum)
Grid Connection	Three-phase electric power (L1, L2, L3, N, PE) All AC MAX BASIC models support both single phase and three phase installations		
AC Voltage	230 Vac, Wire L, N and PE / 400 Vac, Wire L1, L2, L3, N and PE hardwired with terminal block		
Frequency	50 Hz / 60 Hz		
Grounding Systems	TN, TT, IT		
Terminal	Terminal block		
Protection	Over current, Under voltage, Over voltage, Over temperature, Surge protection, Short circuit, Ground fault		
Standby Power	3.6 W		
Charging Output			
Nominal Power	Single-phase: 7.4 kW		Three-phase: 11kW, 22 kW
Nominal Current	32 A per phase		16 A, 32 A per phase
Connector Type	AC Type 2 Plug		AC Type 2 Plug
Charging Voltage	230 V / 400 V		
Cable Length	5 m (models with AC Type 2 Plug charging interface)		
Protection	RCD Type A (AC 30 mA), RDC-DD (DC 6 mA)		
Compliance	IEC 61851-1, IEC 62196-2, IEC61008-1, IEC 62955		
User Interface			
Display	Status LED, 4 colors		
Authentication	Key switch		
Charger Configuration	Maximum charging current selectable by 8-step hardware DIP switch		
Network Interface			
Bluetooth			
Protocols and Applications	Configuration, control, monitoring and firmware update		
RS485			
Protocols and Applications	ModBus RTU for energy management		
Mechanical Properties			
Ingress Protection (IEC 60529)	IP55		
Impact Protection (IEC 62262)	IK10		
Cooling	Natural convection		
Dimensions* (W x H x D)	218 × 371 × 167 mm (8.6 × 14.6 × 6.6 inch)		
Weight*	6.0 kg (13.3 lbs), including charging cable		
Environmental Conditions			
Operating Temperature Range	- 30 °C to + 50 °C (- 22 °F to + 122 °F)		
Storage Temperature Range	- 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.)		
Compliance			
EU Low Voltage Directive	IEC 61851-1, IEC 62479		
EU EMI Directive	EN 61000-3-11 / -12, IEC 61851-21-2		

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



More information

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2023/04