



## EV Charging Solution

# AC Charger / AC MAX - Basic

- Flexible up to 7.4 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



Commercial  
Building



Parking



Residential  
Area



# Compact and Powerful - Liven up Home Charging

AC MAX Basic enables charging up to 7.4 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 IK09 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

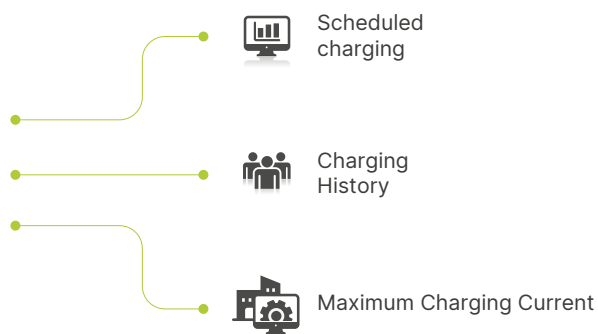
### Charging Network

#### Applications



### Delta AC MAX App

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



## Feature Highlights



7.4 kW

### AC charger to optimize charging activity

- Single phase charging with 7.4 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 / IK09
- Optional wall mount or pedestal mount

## Product at a Glance

**Network Connectivity**  
Bluetooth

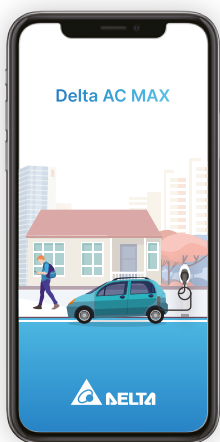
**Key Switch**

**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	AC MAX Basic
<b>Power Input</b>	
Nominal Current	32 A
Grid Connection	Single-phase electric power (L1, N, PE)
AC Voltage	220 - 240 V
Frequency	50 Hz / 60 Hz
Grounding Systems	TN, TT, TNS
Terminal	Terminal block
Protection	Over current, Under voltage, Over voltage, Over temperature, Surge protection, Short circuit, Ground fault
Standby Power	3.6 W
<b>Charging Output</b>	
Nominal Power	Single-phase: 7.4 kW
Nominal Current	32 A
Connector Type	AC Type 2 Plug
Charging Voltage	230 V
Cable Length	5 m (models with AC Type 2 Plug charging interface)
Protection	RCD (AC 30 mA), RDC-DD (DC 6 mA)
Compliance	IEC 61851-1, IEC 62196-2, IEC61008-1, IEC 62955
<b>User Interface</b>	
Display	Status LED, 4 colors
Authentication	Key switch
Charger Configuration	Maximum charging current selectable by 8-step hardware DIP switch
<b>Network Interface</b>	
<b>Bluetooth</b>	
Protocols and Applications	Configuration, control, monitoring and firmware update
<b>Key Switch</b>	
Authentication	On / Off
<b>Mechanical Properties</b>	
Ingress Protection (IEC 60529)	IP55
Impact Protection (IEC 62262)	IK09
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
<b>Environmental Conditions</b>	
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.)
<b>Compliance</b>	
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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