



EV Charging Solution

AC Charger / AC MAX

- 22kW AC charger improves parking turnover
- Low standby power consumption for energy-saving
- Compact design with robust enclosure for indoor and outdoor environment
- RFID authentication for user management



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 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, AC MAX Basic is the future-proof charging solution for residential applications.



Application Scenario

Charging Network

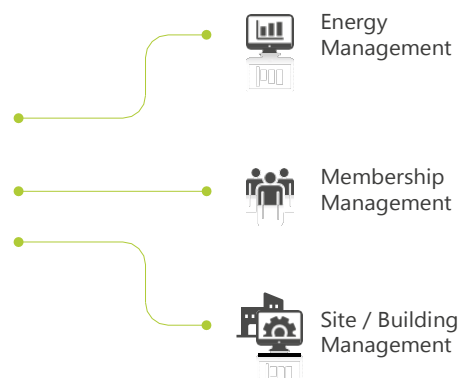


Mobile App

Mobile App* access for remote control



Applications



Specifications

Model	AC MAX	
Power Input	11 kW	22 kW
Nominal Current	16 A	32 A
Grid Connection	Three-phase electric power (L1, L2, L3, N, PE)	
AC Voltage	230 V / 400 V	
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	<10 W	
Charging Output		
Nominal Power	Three-phase: 11 kW	Three-phase: 22 kW
Nominal Current	16 A per phase	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 30mA	
Compliance	CE, IEC 61851-1, IEC 62196-2	
User Interface		
Display	Status LED, 4 colors	
Authentication	RFID ISO14443 A/B type	
Charger Configuration	Maximum charging current selectable by 8-step hardware DIP switch	
Communication		
Network Interface	Ethernet, Wi-Fi, 4G GSM	
Charging Protocol	OCPP 1.6J, upgradable to OCPP2.0	
Mechanical Properties		
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	
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		
Certificate	CE, IEC 61851-1, IEC 62196-2	

. Specifications are subject to change without notice.



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