



EV CHARGING SOLUTION

AC Charger / AC MAX - Basic

Features

- Flexible 22 kW AC platform to cater for diverse charging application requirements
- Low standby power consumption
- Reliable access control by key switch
- Compact design with high output power
- IP55 / IK09: Robust enclosure for indoor and outdoor environments
- Quick wall and pedestal mounting
- Clear LED status indication



Commercial
Building



Parking
Lot



Residential
Area



DELTA

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 and distributed parking.

AC MAX - Basic		
Power	3.7 kW / 11 kW	7.4 kW / 22 kW
Input Rating	Single Phase: 230 Vac, 16 A (maximum), 50 Hz Three Phase: 400 Vac, 16 A (maximum), 50 Hz	Single Phase: 230 Vac, 32 A (maximum), 50 Hz Three Phase: 400 Vac, 32 A (maximum), 50 Hz
Max. Output Power	Single Phase: 3.7 kW Three Phase: 11 kW	Single Phase: 7.4 kW Three Phase: 22 kW
Charging Interfaces	IEC 62196-2: Type 2 Plug (incl. 5 m flex-cable)	IEC 62196-2: Type 2 Plug (incl. 5 m flex-cable) Type 2 Socket Type 2 Socket with Shutter
AC Connection	Single Phase: L1, N and PE, terminal block Three Phase: L1, L2, L3, N and PE, terminal block All AC MAX BASIC models support both, single phase and three phase installations	
Standby Power	< 2.6 W	
Protection		
Internal RCD	RCD Type A (AC: 30 mA) RDC-DD (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, to be supplied by electrician	
Grounding System	TN, TT, IT	
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 2,000 m (6,500 ft.)	
Mechanical Design		
Ingress Protection	IP55	
Enclosure Protection	IK09 according to IEC 62262	
Cooling	Convection Cooling	
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), including charging cable	
Regulation		
Certificate / Compliance	CE, IEC 61851-1, IEC 62196-2	
User Interface & Control		
Display	LED bar, 4 colors	
Authentication	Key switch access control	
Charger Configuration	Maximum charging current selected by 8-step hardware DIP switch	
Remote Power Control / Off	Four digital inputs to be used with potential free contacts	
Communication		
Bluetooth	Firmware Update, Configuration and Monitoring	
Energy Management Interface	ModBus RTU (RS485)	

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

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