

Electrical characteristics

Nominal current (A) (configurable connected load values)	16 or 32 3-phase or single phase
Line voltage (Europe)	230V 1AC 230/400V 3NAC
Grid frequency (Hz)	50
Overvoltage category	III in accordance with EN 60664
Safety standard	According to IEC 61508
Protection class	I
Residual current protective device	Universal current-sensitive DC residual current protective device, 6mA for protection of the RCD IN = 30mA Typ A to be installed in domestic (building) installation

Connections

Cable feed	on-wall or in-wall mounted
Connection cross section (wire dimension)	The minimum cross-section for a standard installation is 6mm ² (for 16A) and 10 mm ² (for 32A), depending on the cable and type of installation.
Connection technology	IEC 62196-2 Connection line:
Power supply terminal	- rigid (min.-max): 2.5 – 16 mm ² - flexible (min.-max): 2.5 – 16 mm ² - flexible (min.-max) with wire end ferrule 2.5 – 10 / 2.5 – 10 mm ²
Cable	Type2 charging cable: up to 32A / 400 VAC in accordance with EN 62196-1 and EN 62196-2 length of 4.5 m Cable bracket integrated
Output voltage (V)	230/400 VAC
Max. charging capacity (kW)	22

Function

Locking mechanism	Key-operated switch for clearance to initiate charging
Display	RGB LEDs Buzzer
Operation	Capacitive button

Mechanical Data

Dimensions (w x h x d)	225 x 437 x 85
Dimensions [incl assembly frame] (w x h x d)	225 x 437 x 107
IP protection class device	IP54
Protection against mechanical impact	IK08

Ambient Conditions

Operating temperature range (°C)	-25 to +55 (without direct solar radiation)
Temperature behavior	The charging current is constantly provided within the operating temperature range. When temperatures are exceeded, the charging current is

Ambient Conditions

gradually reduced to 16 amperes, and shutdowns may also occur. Following a waiting phase, the charging process is independently re-initiated.

Storage

temperature range (°C) -25 to +80

Permissible

relative humidity 5 to 95 non-condensing (%)

Cooling system Passive

Altitude (m) Max. 3,000 m above sea level