

# Technical Data

Input	
AC connection	3 phases + N + PE
AC voltage	400V <sub>RMS</sub> (L-L) ± 10%
Frequency	50/60Hz
Nominal current	312A <sub>RMS</sub> at maximum power (150kW DC + 65kW AC)
Power factor	0.99
Mains terminal	Terminal blocks
Transient OVP	Class II/C protection

DC charging points: CCS + CHAdeMO	
DC output voltage range	170 to 550V <sub>DC</sub> 170 to 1000V <sub>DC</sub> optional
Maximum charging current	300A <sub>DC</sub>
Maximum charging power	150kW <sub>DC</sub>
Cable / access length	3.5m / 2.5m
Protections	Overcurrent circuit breaker Short circuit protection Overvoltage protection Undervoltage protection Isolation monitoring Ground monitoring

DC charge points: CCS	
Rating cable and gun	200A <sub>DC</sub> / 850V <sub>DC</sub>
Compliance	IEC 61851-23 / -24 IEC 62198-3 DIN 70121

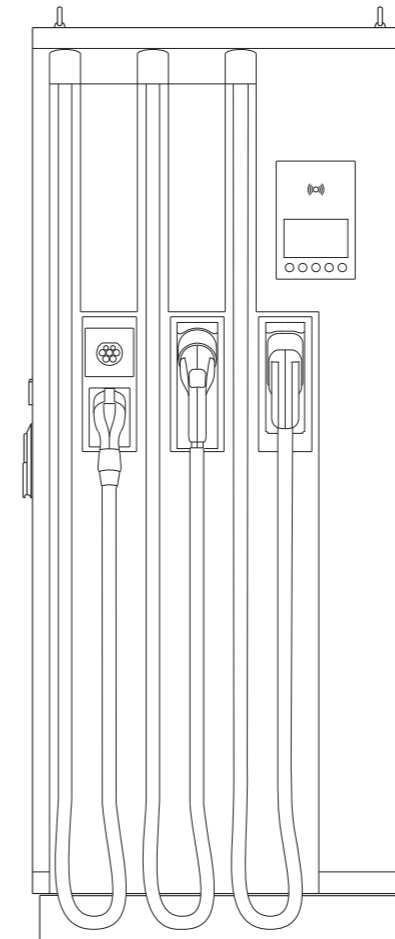
DC charge points: CHAdeMO	
Rating cable and gun	125A <sub>DC</sub> / 500V <sub>DC</sub>
Compliance	IEC 61851-23 / -24 JEVS G 105 Rev. 1.0.1 compliant

AC charging points	
Compliance	IEC 61851-22
AC plug at 43 kW charging point	IEC 62196-2 Mode 3, Type 2
AC socket at 22 kW charging point	IEC 62196-2 Mode 3, Type 2
Nominal AC voltage	400V <sub>RMS</sub>
Maximum charging current	
at 43 kW charging point	3 x 63A <sub>RMS</sub> at 43 kW
at 22 kW charging point	3 x 32A <sub>RMS</sub> at 22 kW
Cable / access length	3.5m / 2.5m
Protections	RCD Type B Overcurrent circuit breaker Ground monitoring

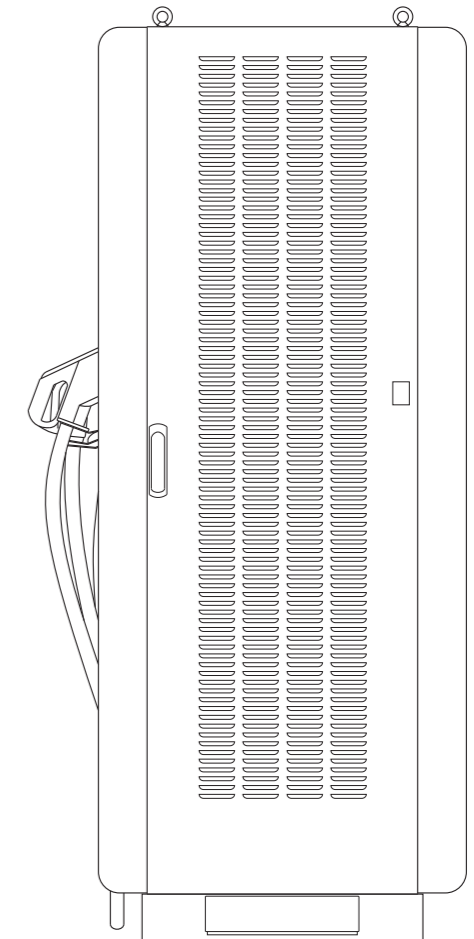
User interface	
Display	7" graphical color display
Keypad	5 buttons, backlit
Local authentication	RFID reader

General	
Height (overall)	2079mm
Width (body)	852mm
Depth (overall)	998mm
Weight (System)	400 kg
Protection degree	IP 55
Enclosure protection	IK 10
Efficiency rectifier	94 %
Operating temperature range	-25°C to +45°C
Maximum relative humidity	95 %, non-condensing
Compliance and safety	RoHS: EN 50581 CE compliance IEC 61851-1
EMC	IEC 61851-21-2 EN 61000-6-1 / -2 / -4

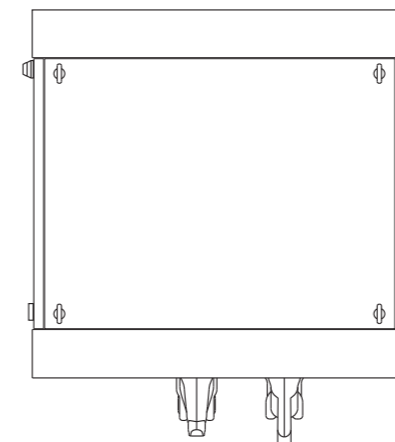
Front View



Side View



Top View



## Available options

Number of Charge Points	DC out Plug configuration	AC out configuration	Standard power configuration	Communication
3 (2x DC, 1x AC)	CCS and CHAdeMO	Type 2 plug	50 kW	LAN
4 (2x DC, 2x AC)	2 x CCS	Type 2 socket	100 kW	Wireless GPRS / 3G
6 (4x DC, 2x AC)	2 x CHAdeMO	Type 2 plug and Type 2 socket	150 kW	Tosibox (WLAN + 3G)
		No AC		

Customized configurations on request