

Terra 360 CE series 1

Technical specifications - 6AGC115197

Terra 360 CC	
Connector	
Number of outputs	2
Number of EV served	Up to two EV in parallel
Output configuration	CCS 2 / CCS 2
Cable type	Air cooled
Cable Length	Standard: 4.7 m
Efficiency	> 95% at nominal output power
DC output	
DC output power	360 kW (peak)
DC output voltage	CCS 150 - 920 V
DC output current	Nominal 300 A / Peak 500 A
AC input	
Input connection	3 Phases + PE
Input voltage	400 V AC +/- 10%
Rated frequency	50/60 Hz
Rated Current	560 A
Rated power	390 KVA
Power Factor	> 0.98 (at full power)
Harmonic Distortion (THDi)	4.5% at full output power
Earthing systems	TN-S, TN-C, TN-C-S, TT (with upstream RCD)
Standby power	50 W, excluding the heater and LED
SPD	Type 2
Overvoltage category	III
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, overtemperature, integrated surge protection
Short circuit current	25 kA
Mechanical	
Dimensions (H x W x D)	2215 x 1210 x 764 mm
Mounting Type	Floor mounted
Weight	848 kg
Enclosure type	Stainless steel 430 and Aluminium
IK rating	IK10 (HMI: IK08)
Environmental	
IP rating	IP54
Enclosure Type	Indoor and outdoor
Maximum operating altitude	Up to 2000 m
Temperature range	-35 °C to +55 °C (de-rating characteristic applies from 40 °C)
Operating humidity	20-95 % Rh non-condensing
Noise level	<75 dB(A) at 1m distance @ 25 °C on front door, at full power
Interface	
Screen Type	15" LCD high-contrast touchscreen
Languages	Standard Language English (Others available via Software upgrade)
Cellular communication	GSM / 4G / LTE
Communication Protocol	Open Charger Point Protocol (OCPP) 1.6 (and previous versions)
Authentication methods	RFID (Standards, Cards..) On-screen PIN code authorization Option: payment terminal; Prepared for ISO 15118 - 2 PnC
RFID system	Mifare ISO 14443 A+ B to part 4 and ISO/IEC 15693 Others available on request (NFC, Calypso, Ultralight, PayPass, HID; and more)
Energy metering	Ready for Eichrecht/PTB and MID compliancy for AC and DC outlets
Standards and certification	
Declaration of Conformity	CE
Low voltage Directive	EN IEC 61851-1:2019, IEC 61851-23:2014, EN IEC 62311:2020
EMC	EN IEC 61000-6-1: 2019, EN 61000-6-4:2007+A1, IEC 61851-21-2_2021, EN 301489-1 v1.9.2, EN 301489-34 V1.4.1
RED	EN 300330 V2.1.1:2017, EN 301908-13 V13.1.1:2019, EN 301489-1 V2.2.3:2019, EN 50364:2010, EN 301489-3 V2.1.2:2021, EN 301489-52 V1.1.2:2020, EN IEC 62311:2020, EN 301908-2 V13.1.1:2020
Additional compliance with standards	IEC 62196-2, IEC 62196-3

For more information
please contact:

ABB E-mobility

Heertjeslaan 6,
2629 JG Delft
The Netherlands
Phone: +31 88 4404600
E-mail: info.evci@nl.abb.com

<https://emobility.abb.com/>