

DATA SHEET

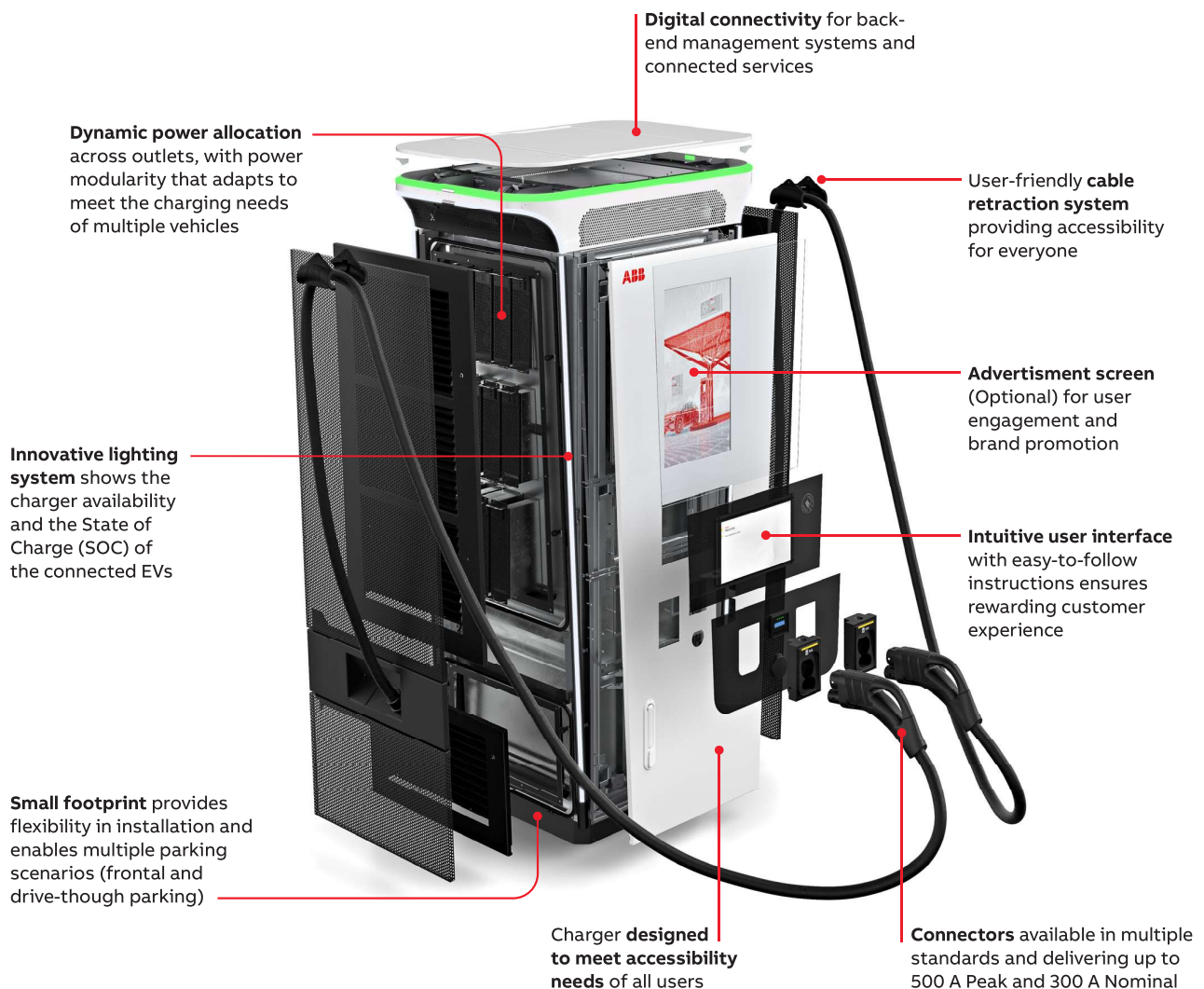
Terra 360 CE

The Terra 360, you'll never stop moving

The Terra 360 offers powerful, dynamic charging designed with user experience at its core.

The Terra 360 all-in-one high-power charger

At a glance



Terra 360 CE

Technical specifications

	Terra 360 CC	Terra 360 CJ
Connector		
Number of outputs	2	
Number of EV served	Up to two EV in parallel	
Output configurations	CCS 2 / CCS 2	CCS 2 / CHAdeMO
Cable type	Air cooled	
Cable Length	Standard: 4.7 m	
Efficiency	> 95% at nominal output power	
DC output		
DC output power	360 kW (peak)	360 kW (peak)
DC output voltage	CCS 150 - 920 V	CCS 150 - 920 V CHAdeMO 150 - 500 V
DC output current	Nominal 300 A / Peak 500 A	CCS: Nominal 300 A / Peak 500 A CHAdeMO: Nominal 200 A
AC input		
Input connection	3 Phases + PE	
Input voltage	400 V +/- 10%	
Rated frequency	50/60 Hz	
Rated Current	560 A	
Rated power	390 kVA	
Power Factor	> 0.97 (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	
Overtoltage 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	5-95 % 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	
Emergency stop button type	On request	
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
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