DATA SHEET

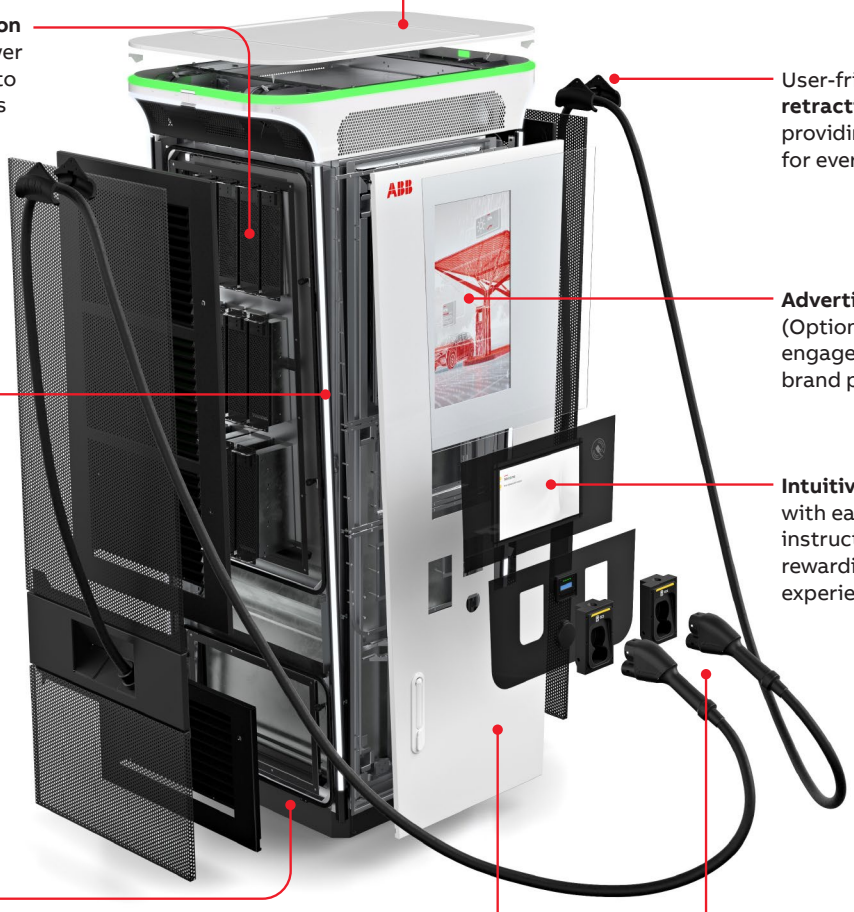
Terra 360 CE

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



Digital connectivity for back-end management systems and connected services

Dynamic power allocation across outlets, with power modularity that adapts to meet the charging needs of multiple vehicles

User-friendly **cable retraction system** providing accessibility for everyone

Advertisment screen (Optional) for user engagement and brand promotion

Innovative lighting system shows the charger availability and the State of Charge (SOC) of the connected EVs

Intuitive user interface with easy-to-follow instructions ensures rewarding customer experience

Small footprint provides flexibility in installation and enables multiple parking scenarios (frontal and drive-though parking)

Charger **designed to meet accessibility needs** of all users

Connectors available in multiple standards and delivering up to 500 A Peak and 300 A Nominal

Terra 360
Technical specifications

	Terra 360 CC	**Terra 360 CJ** (Japan only)
Connector		
Charging standard	Mode 4	
Number of outputs	2	
Number of EV served	Up to two EV in parallel	
Output combinations	Cable with connector CCS 2	Cable with connector CCS 2 Cable with connector 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 VDC	CCS 150 - 920 VDC CHAdeMO 150 - 500 VDC
DC output current	Nominal 300 A DC / Peak 500 A DC	CCS: Nominal 300 A DC / Peak 500 A DC CHAdeMO: Nominal 200 A
AC intput		
Input connection	3 Phases + PE	
Input voltage	400 V AC +/- 10% (50 Hz)	
Input frequency	50 Hz	
Input Current	560 A	
Input power	390 KVA	
Power Factor	> 0.96 (at full load)	
Harmonic Distortion (THDi)	4.5% at full output power	
Earthing systems	TN-S, TN-C, TN-C-S, TT (with upstream RCD)	
Standby power	80 W, excluding the heater	
Overvoltage category (1)	Type 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	
Weigth	848 kg	
Enclosure type	Stainless steel 430 and Aluminium	
IK rating (2)	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	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 compliancy for AC and DC outlets	
Standards and certification		
Declaration of Conformity	CE	
Low voltage Directive	EN 61851-1:2011, EN 61851-23:2014, EN 61851-1:2010, IEC 61851-1:2010. 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, CHAdeMO 1.2	

(1) IEC 60664-1:2020
(2) According to IEC 62262