

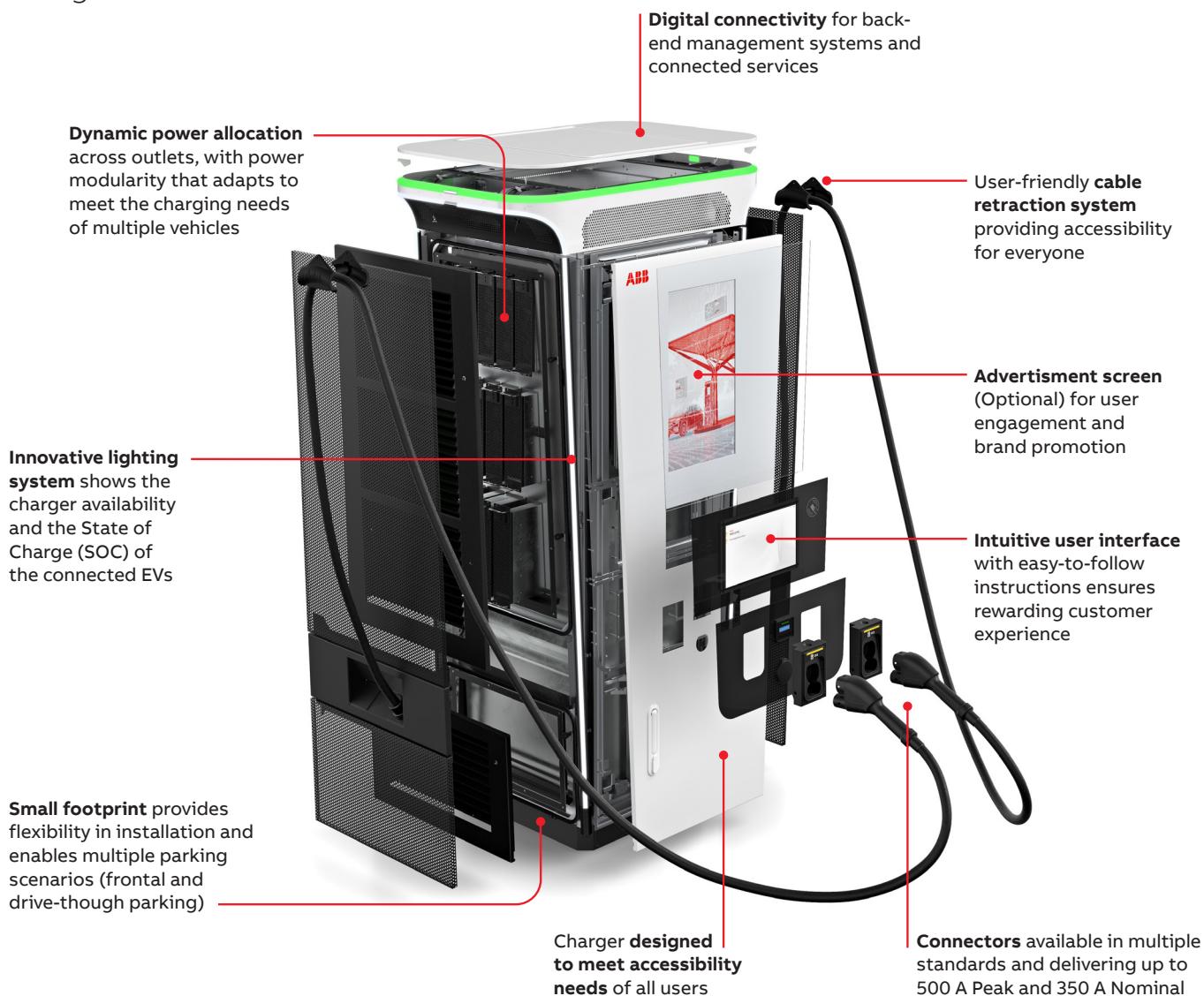
Terra 360 UL

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 UL

Technical specifications



The Terra 360 CC model in UL configuration with CCS1 dual outlet cable connectors, shown with credit card reader, and a 27" advertising screen.

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Terra 360 CC - UL configuration	
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 1
Cable type	Air cooled
Cable Length	Standard: 4.7 m (15.4 ft)
Efficiency	> 95% at nominal output power
DC output	
DC output power	360 kW (peak)
DC output voltage	CCS 150 - 920 VDC
DC output current	Nominal 350 A DC / Peak 500 A
AC input	
Input connection	3-phase: L1, L2, L3, GND (no neutral)
Input voltage	480Y / 277 VAC +/- 10%
Input frequency	60 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
Standby power	80 W, excluding the heater
Oversupply category (1)	Type III
Protection	Overcurrent, oversupply, undervoltage, ground fault including DC leakage protection, over temperature, integrated surge protection
Short circuit current	65 kA
Mechanical	
Dimensions (H x W x D)	2215 x 1210 x 764 mm (87.2 x 47.6 x 30.1 in)
Mounting Type	Floor mounted
Weight	848 kg (1870 lbs)
Enclosure	Stainless steel 430 and Aluminium
IK rating (2)	IK10 (HMI: IK08)
Environmental	
IP rating	IP54
Enclosure Type	NEMA 3R indoor and outdoor
Maximum operating altitude	Up to 2000 m (6560 ft)
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 at 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) 1.6J (and previous versions)
Authentication methods	RFID, 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	California Type Evaluation Program (CTEP) (Q3 2023) National Type Evaluation Program (NTEP) (Q3 2023)
Emergency stop button type	On request
Standards and certification	
Compliance and safety	UL 2202, CSA No.107.1-16; UL 2231-1, UL 2231-2, CSA STD C22.2 No.107.1; NEC Article 625, EN 61851, EN 62196; IEC 61000-6-3; EMC Class A, FCC Part 15

*Data shown at nominal output power unless otherwise indicated
All data are preliminary and subject to change

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