ABB
Terra DC 360

The Terra 360 is specifically engineered to cater to the evolving demands of today's electric vehicle drivers, combining robust performance with exceptional versatility and ease of use. Whether it's a large-scale fleet operator or retail car park, the Terra 360 is designed to deliver efficient, reliable, and convenient charging solutions that meet the highest standards in the industry.

With its powerful all-in-one design, the Terra 360 streamlines the entire charging process by integrating advanced technology and accessibility features into a single unit. This ensures that users can enjoy seamless and hassle-free charging experiences every time, regardless of the vehicle or charging requirements.

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Easily charged.

Powerful and flexible charging

The Terra 360 offers up to 360 kW of charging power, making it one of the fastest chargers available. It can simultaneously charge multiple EVs, ensuring that more vehicles can be serviced at the same time, which is especially valuable in high-traffic areas.

High performance

Supporting major charging standards like CCS (up to 500A) and handling batteries up to 920 Vdc, the Terra 360 is compatible with a wide range of electric vehicles, from personal cars to commercial fleets.

Long-term reliability

The Terra 360 is designed with ease of maintenance in mind, offering online and local service tools that allow for quick diagnostics and configuration, reducing downtime and operational costs. Its robust construction and advanced technology ensure long-term reliability, making it a durable solution for both public and private charging environments.

User-friendly design

The integrated cable management system provides nearly 5 meters of cable reach, allowing flexibility in vehicle positioning, while the 15" touchscreen interface offers a simple, intuitive user experience.

Seamless integration and installation

With native support for OCPP 1.6 JSON, the Terra 360 ensures seamless integration into existing infrastructure and management systems. It also offers quick and easy installation, backed by online and local service and configuration tools.

The Terra 360 is an advanced, flexible, and smart DC fast charger.

Technical sheet

Connector

Charging standard:	Mode 4
Number of outputs:	2
Number of EV served:	Up to 2 in parallel
Output combinations:	Cable with connector CCS 2
Cable length:	Standard: 4,7 meter
Efficiency:	>95% at nominal output power

DC output

DC output power:	360 kW
DC output voltage:	CCS 150-920 VDC
DC output current:	Nominal 300 A DC / Peak 500

AC input

Input connection:	3 phase + PE
Input voltage:	400 V AC +/- 10%
Input frequency:	50 Hz
Input current:	560 A
Earthing systems:	TN-S, TN-C, TN-C-S, TT
Standby power:	80 W
Overvoltage:	Category type III
Protection:	Overcurrent, overvoltage, undervoltage, ground fault, leakage protection, overtemperature, integrated surge protection

Mechanical

Dimensions:	2215 x 1210 x 764 mm
Mounting type:	Floor mounted
Weight:	848 kg
Enclosure:	Stainless steel 430 and aluminium
IK rating:	IK10 (HMI: IK08)

Environmental

IP rating:	IP54
Maximum altitude:	up to 2000 m
Temperature range:	-35°C to +55°C
Humidity:	20-95% Rh

Interface

Screen type:	15" LCD touchscreen
Languages:	Standard English (others available)
Cellular communication:	GSM/4G/LTE
Authentication:	RFID, On-screen PIN
	Option: payment terminal

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
Communication to EV:	DIN 70121, ISO 15118-2 Plug'n'Charge

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