Proven and Reliable Fast Charging



High Performance

360 kW

Peak Output Power

Dual Connector

500 A

Output Current

Managed Asset

24/7

Remote Monitoring & Support

Power Specification

DC Output: Output Power: 360 kW

Dynamic Power Sharing: 90 kW power granularity

Output voltage: 150 - 920 V Output current (peak): 500 A

Total system efficiency: > 95 % at nominal power

Number of outlets: dual outlet

AC Input: Nominal voltage: 400 V (± 10 %)

Nominal input current (RMS): 560 A

Frequency: 60 Hz

Earthing systems: TN-S, TN-C, TN-C-S, TT (with upstream RCD)

Input connection: 3 phases + PE

Power factor: > 0.96 @ full load

Total Harmonic Distortion (THD): 4.5 % @ full load

Overvoltage category: III

SPD: Type 2

System Specification

Operating Conditions: Operating from -35 °C to 55 °C with derating

Storage / transport from -5 °C to 40 °C / -35 °C to 55 °C

Altitude: up to 2000 m without derating

Humidity: 5 % - 100 % @ 27 °C

Impact resistance: IK10 (HMI: IK08)

IP rating: IP54

Noise emission: < 75 dB(A) @ 1 m front door, 40 °C, full power

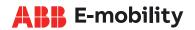
Intended use: indoor and outdoor Mounting options: floor mounted

Environment pollution degree: Class 3 (outside), Class 2 (inside)

Dimensions: H x W x D: 2215 x 1210 x 764 mm

Weight: 848 kg

Enclosure type: Stainless steel 430 and aluminium

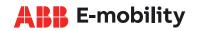


Customer Interface

Display:	Type: 15" LCD; Interface: Touchscreen
Languages:	English (others available via software upgrade)
Connector Options:	CCS2 with patented two-phase cooling technology
Cable Management System (CMS):	Cable retraction CMS
Cable:	Length: 4.8 m, 8 m optional Type: Air-cooled
Authentication Methods:	RFID (standards, cards), on-screen PIN code, optional: payment terminal, Autocharge, 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, and more)
Emergency Button:	On request
Remote Management:	Access control, configuration, diagnostics, software updates

Standards & Compliance

Safety Standards:	EN 61851-1:2011, EN 61851-23:2014, EN 61851-1:2010, IEC 61851-1:2010, IEC 61851-23:2014, EN IEC 62311:2020
Metering:	Ready for Eichrecht/PTB and MID compliancy
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
Manufactured:	Europe
Network Connections:	GSM/4G/LTE
Network Communication Protocol:	OCPP 1.6 (and previous versions)
Vehicle Communication Protocol:	DIN 70121, ISO 15118-2, Autocharge
Short Circuit Current Rating:	25 kA
RED Directive:	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 Standards:	IEC 62196-2, IEC 62196-3



©Copyright ABB E-mobility 2024. All rights reserved to copyrights, registered trademarks, and trademarks reside with their respective owners. The information in this document is provided in good faith, is provided for information purposes only and is subject to contract. The information contained herein is subject to change without notice and should not be construed as any commitment by ABB E-mobility B.V. or its affiliates or holding companies (ABB E-mobility). ABB E-mobility assumes no responsibility for any errors that may appear in this document. We reserve all rights with respect to this document, its content and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB E-mobility. No representations are made, express or implied, with respect to the accuracy, reliability, availability or completeness of the information provided, and no liability is accepted for any damage or loss suffered as a result of reliance on any information provided herein.

ABB E-mobility B.V.

Heertjeslaan 6 2629 JG Delft The Netherlands

Phone: +31 88 4404600 E-mail: info.evci@nl.abb.com

e-mobility.abb.com

ABB E-mobility Inc.

950 W Elliott Road, Suite 101 Tempe, AZ, 85284 United States

Phone: 800-435-7365 E-mail: US-evci@abb.com e-mobility.abb.com

ABB E-mobility Inc.

800 Hymus Boulevard Saint-Laurent, QC H4S 0B5 Canada

Phone: 800-435-7365 E-mail: CA-evci@abb.com e-mobility.abb.com

