Ultra-Fast Charging Made Seamless



Power Specification

DC Output: Output Power: 400 kW

Dynamic Power Sharing: 50 kW power granularity

Output voltage: 150 - 980 V Output current (peak):

CCS: 600 A J3400: 375 A

Number of outlets: dual outlet Total system efficiency: up to 97 %

AC Input: Nominal voltage:

(CE): 400 Vac (NA): 480 Vac Nominal input current (RMS): (CE): 612 A (NA): 510 A

Frequency:

(CE): 50 Hz (± 5 %) (NA): 60 Hz (± 5 %)

Earthing systems:

(CE): TN-C, TN-C-S, TN-S, TT (NA): WYE

Inlet cable size per phase (no neutral):

max. 2 x 300 mm² (600 kcmil)

Power factor: > 0.99 @ full load

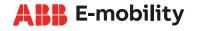
Total Harmonic Distortion (THD): < 3 %

Overvoltage category: III

SPD: (CE): Type 1 + 2 (NA): Type 1

Customer Interface

Display:	Type: 32" full-color LCD; Interface: 4 push buttons
Lighting:	Roof: 360° dual RGBW LED strips; Gun holder: RGBW LEDs
Languages:	English, French, Spanish, German, Italian, Norwegian, Dutch (others available via software upgrade)
Connector Options:	Patented two-phase cooling technology (CCS1, CCS2), Air-cooled J3400 (NACS)
Cable Management System (CMS):	2 x integrated self-retracting swing arm
Cable:	Length: 4.8 m (15.7 ft); Reach: 3.5 m (11.4 ft) Length: 7 m (22.9 ft); Reach: 6.3 m (20.7 ft) Type: Air-cooled
Authentication Methods:	RFID, Autocharge, Plug and Charge, credit/debit card, mobile app
RFID System:	Mifare ISO 14443 A/B to part 4 and ISO 15693, ISO 18092/ECMA-340 (NFC). Others available on request (Calypso, Ultralight, PayPass, HID, and more)
Remote Management:	Access control, configuration, diagnostics, software updates



System Specification

Operating Conditions: Operating from -30 °C to 55 °C (-22 °F to 131 °F)

Storage / transport from -5 °C to 40 °C (23 °F to 104 °F)

Altitude: 2000 m (6562 ft)

Humidity: up to 95 %, non-condensing

Impact resistance: IK10 (Display: IK08)

IP rating: IP54, NEMA 3R; indoor and outdoor rated

Noise emission: 65 dB(A) average @ 1 m, 25 °C (77 °F), 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: 2256 x 810 x 790 mm (88.8 x 31.9 x 31.1 in)

Weight: 730 kg (1610 lbs)

Accessibility: meets ADA requirements for height,

reach, and user interface

Standards & Compliance

Safety Standards:	(CE): EN 61851-23: 2014/AC: 2016-06, EN IEC 61851-1: 2019 (NA): UL 2202: 2022, CSA 22.2 No.346: 22, UL 2231-1, UL 2231-2
Metering:	(CE): Eichrecht (NA): CTEP/NTEP
EMC:	(CE): IEC 61851-21-2: 2021 (NA): 47 CFR FCC Part 15, Subpart B, §15.107, §15.109 (Class A)
Manufactured:	USA & Europe
Network Connections:	Dual SIM, GSM/3G/4G/5G, 10/100 Base-T Ethernet
Network Communication Protocol:	Open Charge Point Protocol (OCPP) 1.6J and 2.0.1
Vehicle Communication Protocol:	DIN SPEC 70121, ISO 15118-2, ISO 15118-3, Autocharge, Plug and Charge
Short Circuit Current Rating:	(CE): 50 kA (NA): 65 kA
RED Directive:	ETSI EN 300 330 V2.1.1 2017, EN 50364:2018 (RFID), ETSI EN 301 908-13 V.13.2.1 2022, IEC 62311:2019, EN IEC 62311:2020 (4G test)
Additional Standards:	DC Vehicle connector compliant with IEC 62196-1:2014, IEC 62196-3:2014, Cabinet IP rating according to IEC 60529:2013
Designed Lifespan:	10 years



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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

