



Harmony Wall

Compact wall mount
DC charger

30 kW DC Charging Station



Power up your charging operations

Serving all types of vehicles and charging needs, our Harmony fast DC chargers guarantee smooth backend compatibility, an intuitive user experience, and simple integration with your existing business operations.



Everything you might be asking for

- + 30 kW charger with 100A output
- + Lightweight and easily mountable
- + Configurable to one or two guns
- + >95% energy efficiency
- + 7" touchscreen user interface
- + Intuitive user experience
- + Authentication methods: RFID, QR code, plug & charge, mobile app
- + OCPP 1.6J remote management
- + IP54 rating water resistant
- + Customizable corporate branding
- + Fully operable up to 55°C
- + Zero power derating
- + Adjustable power output
- + Configurable to one or two guns

Why Harmony?



Modern

Remote software updates and 1,000 VDC charging satisfy modern charging needs



Modular

DC output ratings available from 30 – 240 kW and beyond for effortless expandability



Flexible

Compatible with multiple output connectors: CHAdeMO, CCS, and Type-2 AC (GBT optional)

Service Support

Annual Maintenance Contracts

Exicom Power Systems builds on its unique expertise in power conversion and control product development to propose a full service offering for all stages of product life.

Secure

Fast

24/7

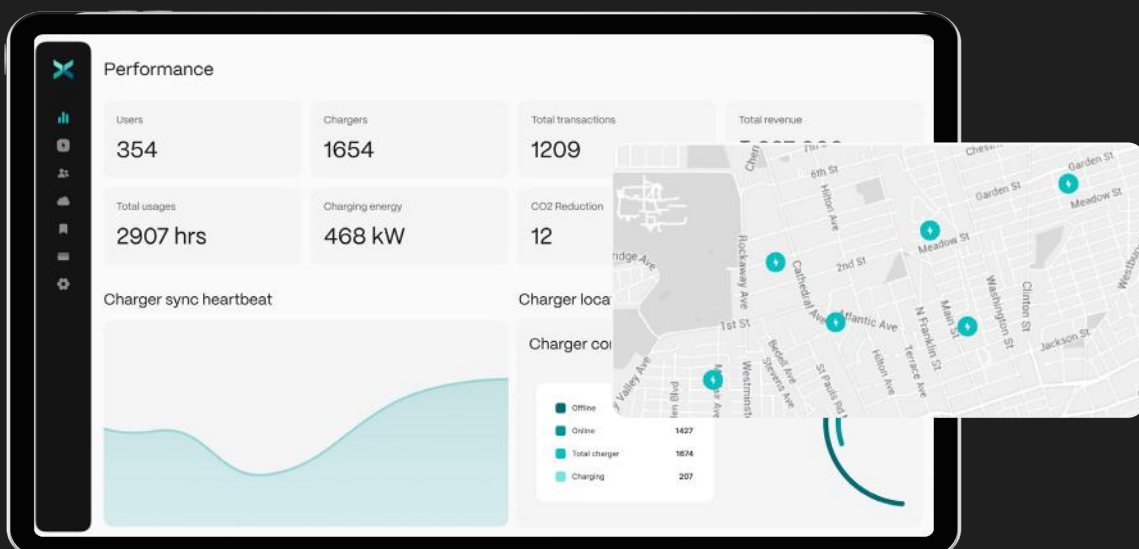
Customized

Reliable

ChargeX

Charger Management made effortlessly easy

ChargeX is a smart cloud-based charger management platform for anyone who has a charger, and wants to deploy, manage and grow their EV charging network.



The trusted EV charging solution provider for industry leaders

Fleets

Fleet vehicles only earn you money while they're on the road. We help ensure your vehicles are charged and ready for work whenever and wherever they're needed.

Workplace

Exercise your commitment to sustainable transportation and facilitate company-wide emission reduction by providing convenient workplace charging options.

Charge Point Operators

End-to-end management and control over the charging process and experience. Pair your chargers with ChargeX or integrate with another charger management system of your choice.

Retail & Hospitality

Reliable charging solutions that are easy to install, maintain, and scale, so you can appeal to EV-driving patrons with convenient on-site charging options.

Heavy duty vehicles

Big loads need powerful charging. Our industrial charging solutions ensure your heavy duty fleet is charged and ready to run at full capacity.

The trusted EV charging solution provider for industry leaders



Specifications



Power Output

DC Output Voltage Rating: 200 – 1,000 Vdc
Outlet 1: CCS-2 100 A or GB/T 100 A or CHAdeMO 100 A
Outlet 2: CCS-2 100 A or GB/T 100 A or CHAdeMO 100 A
DC Power Class: DC 30 (30 kW / 100 A)
Simultaneous EV charging qty.: 1

Mains Input

Input Voltage (nominal): 380/400/415 Vac
Input Voltage Range: 320 Vac – 520 Vac
Network Connection: TN-S
AC Wiring: 3-Phase (L1, L2, L3), N, PE
AC Power Rating: 46 A, 33 kVA @ 400 Vac
Input Frequency (nominal): 50 / 60 Hz
Input Frequency Range: 45 – 65 Hz
Leakage Current: < 3.5 mA
Conversion Efficiency: ≥ 95% (peak)
THD(i): 5 %
Power Factor: > 0.98
Inrush Current (Instant Impulse Current): < 100 A
Short Circuit Current: 6 kA
Standby Power @ nom. voltage: 60 W

Mechanical

Ingress Protection: IP 54 acc. IEC 60529
Impact Resistance: IK10 acc. IEC 62262
Dimension (H*W*D): 590 * 610 * 270 mm (excluding pedestal)
Weight: 80 kg Approx. (excluding pedestal)
Charging Cable Length: 5 meters, 7 meters optional
Material: Texture Finish Powder Coating SECC
Mounting: Wall / Pedestal
Cooling: Forced Air (variable speed)

Configuration

Software update: OTA (Over The Air)
Control and Set up: OCPP v1.6j, local (passcode controlled)

Environmental

Operating Temperature: -30 °C to 75 °C (linear de-rating above 55 °C)
Storage Temperature: -40 °C to 80 °C
Altitude: 2,000 meters (de-rating above 2,000 meters)
Humidity (Non-Condensing): 5 % to 95 %

Specifications



Standards / Certification

Safety: IEC 61851-1;
IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000
Other: ARAI (AIS 138 Part 2)
Vehicle Communication: DIN 70121, ISO 15118, CHAdeMO v1.2, GB/T 27930, IEC61851

Quality

Mean Time Between Failure: >150,000 hours
Mean Time To Repair: <1 hour on arrival at site
Design Life: 10 years*
Warranty: 2 years* (standard). Extension available

Protection and Safety

Surge Protection: Integrated – IEC 61000-4-5
Over Current: DC output: 101A @ 300V
Under Voltage: AC Input: < 280 Vac phase to phase
Over Voltage: AC Input: > 530 Vac phase to phase
Over Temperature: Auto de-rated above 55 °C ambient
Residual Current (Leakage): < 30 mA
Over Voltage Category: III

User Interface and Comms

Display: 7" TFT LCD touch screen
Support Language: English
Emergency Switch: Available (red mushroom push button)
Charge Option / User Authentication: RFID, mobile app, OTP, QR Code
Energy Metering: DC included (MID optional)
Visual Indication (LED): Presence of Supply, State of Charging, Error
RFID: MIFARE – ISO/IEC 14443A/B
Connectivity: Internet access via Ethernet (RJ45)
Modem (option): 4G LTE (EU)
Communication Protocol: OCPP v1.6j (JSON)

* Terms and Conditions apply

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Illustrations of the product and user interface are exemplary and may differ from the actual appearance.

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