



Harmony Distributed

High-power, multi-gun distributed charging system designed for depots and hubs.

480 kW DC

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.

Trusted by industry leaders for a reason

As a trusted technology leader, Exicom plays a key role in shaping the EV charging ecosystem, offering scalable solutions that meet the needs of fleet operators, charge point operators, and energy providers worldwide.



Power up your fleet, optimized and efficient

Our fast DC Dispenser system supports all passenger and commercial vehicles, offering seamless backend compatibility, an intuitive user experience, easy business integration, and cost optimization, enabling effortless fleet charging with quick turnaround times.

- + High Capacity Power Cube: 480kW with dynamic load balancing for efficient power distribution.
- + Built for Tough Environments: IP54-rated, reliable in -20°C to 75°C with de-rating from 50°C.
- + User-Friendly Display: 7" TFT touch screen with tempered glass for easy operation.
- + Advanced Safety: Includes output contactor, fuse, ESD, SPD, leakage switch, insulation detector, and software-based protections.
- + Liquid Cooling Option: CCS2 500A liquid-cooled connector for high-performance charging.
- + Smart Connectivity: LAN, LTE, RFID, and mobile app payment support.
- + Redundant Power Supply: Dual input for uninterrupted operation during outages.
- + Quiet Operation: Silent user-end experience with the power cube placed remotely.
- + Configurations Available: 120 kW: up to 4x guns 240 kW – 480 kW: up to 12x guns



Specification

Power Cube (480kW)

AC 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: 530kVA @400VAC
Input Frequency (nominal): 50 / 60 Hz
Input Frequency Range: 45 – 65 Hz
Conversion Efficiency: $\geq 95\%$ (peak)
THD: $< 5\%$
Power Factor: > 0.98 at full load

DC Output

DC Voltage: 200VDC – 1000VDC
Power Modules: 20*30kW
Max Output: 600kW
Number of outlets for dispensing: 6 Dispensers (Air Cooled + optional Liquid Cooled)
Max 12 charging points (outlets)

Mechanical

Dimensions(W*D*H): 950*1060*2180 (mm)
Weight: 480 kg (plus power modules – each 23kg)
Ingress Protection: IP 54 acc. IEC 60529
Mounting: Floor Mounting (Optional Mounting Frame Available)

Environmental

Storage Temperature: $-40\text{ }^{\circ}\text{C}$ to $80\text{ }^{\circ}\text{C}$
Operating Temperature: $-20\text{ }^{\circ}\text{C}$ to $75\text{ }^{\circ}\text{C}$ (de-rating from $50\text{ }^{\circ}\text{C}$)
Altitude: 2,000 meters (de-rating above 2,000 meters)
Humidity (Non-Condensing): 5 % to 95 %
Audible Noise: $< 75\text{dB}$ (rated input and output)

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

Standards

Designed in accordance with: IEC 61851-1; IEC 61851- 21-2;
IEC 61851-23; IEC 61851-24;
IEC 62196-1; IEC 62196-2;
IEC 62196-3; IEC 61000"

Specification

Charging Dispenser

Air Cooled

Liquid Cooled

DC input	DC input Voltage	200~1000V	200~1000V
	DC input Channel	2 channels DC bus (max length up to 50M, with 120 sq mm CU cables)	2 channels DC bus (max length up to 50M, with 120 sq mm CU cables)
DC output	Output Connector	2 connectors with DC-1 and DC-2	2 connectors with DC-1 and DC-2
	Output DC Voltage	200~1000V	200~1000V
	Max. DC Output Current	2*250A or 2*300A	500A (Liquid cooled) +300A
Mechanical	Dimensions (W*D*H)	430*250*1720mm	500*260*1800 mm
	Weight Protection Degree	155kg approx	190kg approx
	Mounting	Floor Mounting	Floor Mounting
		IP55 acc. IEC60529	IP55 acc. IEC60529
Environmental	Storage Temperature	-40 °C to 80 °C	-40 °C to 80 °C
	Operating Temperature	-20°C to 75°C (de-rating from 50°C)	-20°C to 75°C (de-rating from 50°C)
	Altitude	2,000 meters (de-rating above 2,000 meters)	2,000 meters (de-rating above 2,000 meters)
	Humidity (Non-Condensing)	5 % to 95 %	5 % to 95 %
	Audible Noise	<60 db	<60 db
Charging Protection	DC Output	Over current; Short circuit; Over voltage; Under voltage; Insulation; Reverse polarity	
	Other	Over temperature; RCD	Over temperature; RCD
User Interface and Communications	Display	7" TFT LCD touch screen	7" TFT LCD touch screen
	Energy Metering	Included	Included
	Visual Indication (LED)	Presence of Supply, State of Charging, Error	Presence of Supply, State of Charging, Error
	RFID	MIFARE - ISO/IEC 14443A	MIFARE - ISO/IEC 14443A
	Support Language	English	English
	Credit Card Reader	Yes (Optional)	Yes (Optional)
	Connectivity	OCPP 1.6j; Ethernet; Modem 4G	OCPP 1.6j; Ethernet; Modem 4G

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