

E-MOBILITY

DC FAST-CHARGING STATION

elexon
powering the future

exHPC150-CCS

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The modular design allows easy adaptation to individual requirements: charging capacity, number of charging points, communication.

- ✕ Charging capacities of 2x 75 kW and 150 kW available
- ✕ Optional transfer of charging power to a single charging point
- ✕ Customer-specific branding
- ✕ Decentralized charge management
- ✕ Backend connection for dynamic grid load management
- ✕ Complete installation and after-sales-service



We also offer the installation and integration of photovoltaic systems and battery energy storage systems as a 360° system integrator!

www.elexon-charging.com

GENERAL

Product designation	exHPC150-CCS
Dimension	930 x 2730 x 1400 mm (W x H x D)
Weight	880 kg
Locking device	Double closure
Assembly	Foundation with integrated cable routing

CHARGING POINT

Number of charging points	1 or 2
Connector	CCS 2
Max. charging power	2x 75 kW or 1x 150 kW
Voltage range	150 – 920 V or 150 – 460 V
Max. charging current	200 A
Length of charging cable	5 - 7 m
Safety and protection	Short circuit protection, overvoltage protection, undervoltage protection, insulation monitor, protective earth monitor
User interface	7" color touchscreen display
Status display	Status, charging power and time, state-of-charge

GRID CONNECTION

Overvoltage protection	Combined arrester type 1+2+3
Surge voltage strength	4 kV – Overvoltage category III
Nominal voltage	400 V +/- 10 %, three-phase 3L + PE
Max. current	250 A at max. power
Nominal frequency	50 Hz
Supported mains	TT, TN-S, TN-C
Power factor	> 99 %
THDI	< 5 %
Efficiency	> 95 % (at nominal operation)

OPERATING CONDITIONS

Location	Indoor / outdoor
Temperature range	-25°C – 40°C (up to 50°C with derating)
Cooling system	Active cooling with temperature management
Humidity	5 % – 95 % (non-condensing)
Protection class	IP54
Mechanical protection class	IK09 (IK10 without display)

X COMMUNICATION

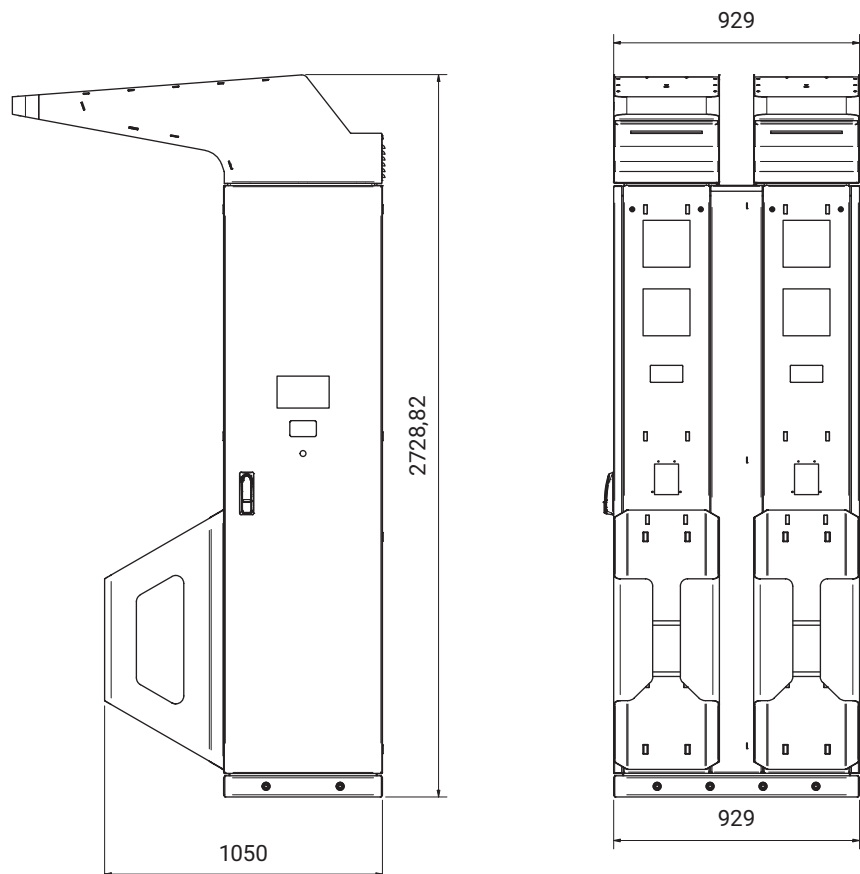
Interface	Ethernet, LTE (optional)
Backend connection	OCPP 1.6J, MODBUS (optional) Charging power control by the network operator (optional)

X OPTIONS

Visual design	Customized foiling solutions available
Charging points / power variations	2x 75 kW / 1x 150 kW 2x 75 kW switchable to 1x 150 kW
Authentication	RFID, remote via backend
Charging cable length	5 m or 7 m
Winter package	Optional integrated heater for - 30°C usage
Housing	Stainless steel incl. LED lighting with twilight control
Energy meter	MID or German „Eichrecht“ meter upgradable

X CONFORMITY

Conformity	CE, IEC 61851, 61439, 61000
Measurement and calibration law	Type certification MessEV Modul B (in preparation)



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