

Fast 150 kW

Versatility. Flexibility. Scalability.

Speed meets efficiency with the Heliox Fast 150 kW charger. Our unique Power Curve Technology means charging at the depot is 67% faster, and with an industry-high efficiency rating of 96%, the Fast 150 kW is a great solution for single vehicles or a small fleet.

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FAST 150KW



Designed and manufactured in the EU - small footprint, high durability, built to last 15+ years



The 300 A charging current is the highest in the market for a 150 kW system



Industry highest component reliability and system redundancy

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Fast 150 kW



Compatible: Connect with a CCS-plug or via a pantograph according to ISO 15118 / DIN70121 / IEC 61851. The Fast 150 kW is compatible with all vehicle manufacturers.



Future Proof: Charger systems are prepared for the future with V2G and Smart Grid functionality so you're ready for the next step in smart energy management.

**96%
Efficiency**

General

Charging standard	IEC61851-1/23/24
Communication standard	DIN70121 / ISO15118-1/2/3 ed1 (incl. V2ICP/VDV261 support)
Compliance and safety	CE / IEC61851-21-2
Power factor above 50 % rated	> 0.99
Average THD V, THD I	2%, 5%
Peak efficiency	96%
Dielectric withstand	3000 V
Network cellular	4G modem, LAN
Back office	OCPP 1.6/2.0, Chargesight
Temperature range	-20 to 45 °C, derating may apply
Operational noise level	< 60 dB(A) @ 1 m
System weight	1400 kg
Protection	IP54 / IK10
Environment operating	ISO 12944: C4 H, optional C5 H
Dimensions	H: 2210 mm, W: 800 mm, D: 800 mm

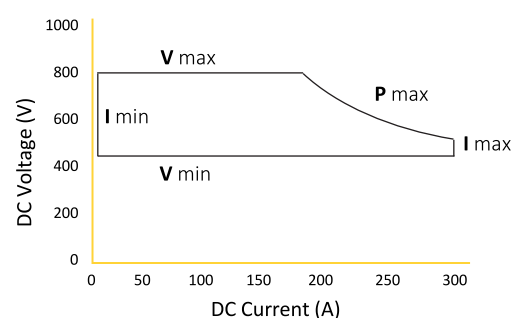
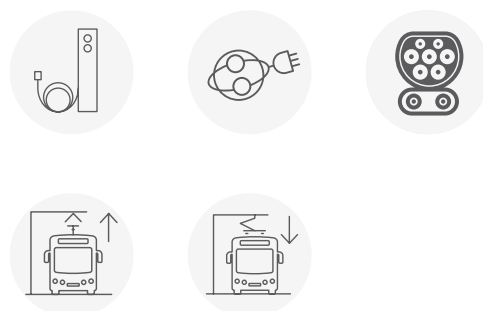
Input

Input connections	3P + PE or 3P + PE + N
Input power rating; full load / idle	162 kVA / 100 VA
Input line-line voltage range	400 V AC +/- 10 %, 50 Hz
Input maximum AC current per phase	260 A, inrush current limited

Output

Output DC voltage range	460 - 800 V
Rated DC output power	150 kW
Maximum DC output current	300 A, bidirectional ready

Interfaces



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