


Flex 180 kW

Versatility. Flexibility. Scalability.

The Flex 180 is Heliox's most versatile charging solution. Whether you need overnight or opportunity charging, dynamic or static charging, to charge 1 vehicle or up to 3, the Flex 180 can do it all. It's the most flexible charging solution available, anywhere.

A tall, black and yellow industrial charging station. The front panel is black with yellow vertical accents on the sides. It features the 'heliox' logo in white, 'FLEX 180kW' in yellow, and three yellow circular icons: a circle of stars, a circuit diagram, and a shield with a checkmark. There are also two indicator lights, one red and one green.

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

Modular and scalable design grows with your business needs

Our Flex Charge System is compatible with any interface you need

heliox

Flex 180 kW



Versatile: The world's most flexible charging option. Charge any CCS compatible EV with flexible configurations. A fast and high-efficiency solution for a single vehicle or charging 3 at once at 60 kW - even charge dynamically at 60/120/180 kW per charging connector when adding the internal power router option.



Future Proof: The Flex 180's modular design provides optimal system redundancy and allows for upgrading to 360 kW with parallel products. This means the Flex 180 can grow alongside your operations, ensuring maximum ROI.

**96.3%
Efficiency**

General

Charging standard	IEC61851-1/23
Communication standard	IEC61851-24 / DIN70121 / ISO15118-1/2/3 ed1 (incl. V2ICP/VDV261 support)
CE Conformity	EMC: IEC61851-21-2
Safety	IEC61851-23
Power factor above 50% DC Output power	> 0.98
Peak efficiency	96.3%
Dielectric withstand	3000 V
Network cellular	4G modem, LAN
Back office	OCPP 1.6J/2.0, Chargesight
Temperature range	-30 to 45 °C derating may apply
Operational noise level	<60 dB(A) @ 1 m
System weight	600 kg
Dimensions	H: 2300 mm, W: 800 mm, D: 800 mm
Protection	IP54 / IK10
Environment operating	ISO 12944: C4 H

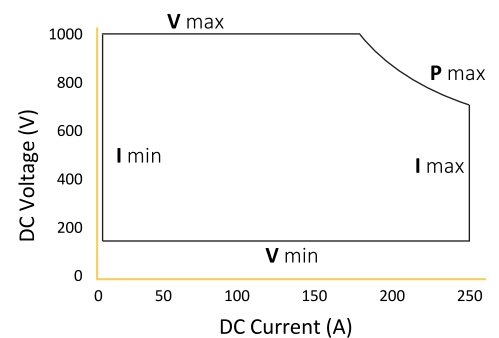
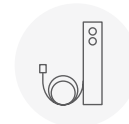
Input

Input connections, Frequency	3P + PE / 3P + N + PE, 47-63 Hz
Input power	200 kVA @ full load, 100 VA @ Idle
Input line-line voltage range	400 V AC +/- 10%
Input current	280 A @ 400 V AC, inrush current limited

Output

Output DC voltage range	150 - 1000 V
Rated DC output power	Single output: 180 kW Triple outputs: 60 kW each Dynamic output: 60 / 120 / 180 kW
Maximum DC output current	Single output: 250 A Triple outputs: 83 A each Dynamic output: 83 / 167 / 250 A

Interfaces



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