

Product Catalog



2023



Introduction

Heliox provides world-class smart energy management solutions that are scalable within a fast-changing e-mobility landscape. We serve e-bus and e-truck fleets, passenger vehicles, marine, port, mining vehicles and more.

With a team of 250+ industry experts around the world, it's our aim to help you make a seamless transition to e-mobility.

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Charging ahead

Heliox designs, builds and manufactures world class rapid charging solutions that are tailored and scalable within a fast changing e-mobility landscape. We are working towards a sustainable world where a seamless charging experience is the standard for every electric vehicle, and this transforms the way we power our everyday.

Operating globally, the company is headquartered in the Netherlands with local presence in Germany, Sweden, United Kingdom, Spain and the United States.

The numbers that matter

25000+

Vehicles powered
by Heliox

2000+

DC rapid chargers
installed globally

200MW

Of smart charging
solutions implemented

250+

Employees
worldwide

20

Countries actively seeking
Heliox solutions

600kW

Ultra-Fast DC charging
speed

Our partners

We work with the best brands in the business. From energy companies, to OEM's, municipalities, retail, airports, associations and many more.

Please visit: www.heliox-energy.com/partner-with-us





Sectors

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E-Bus

Keep your fleet on schedule, our rapid chargers provide up to 67% faster charging speeds than any other provider, and you are always supported our 24/7 service and maintenance.



E-Truck

Distribution centers are busy places with limited space and available time for charging vehicles. Our rapid charging solutions ensure a quick turnaround, keeping fleets running efficiently.



Car & Light Vehicle

Our latest sector serves a growing global segment. Our rapid 50kW & 150kW charging solutions are the ideal for charging in between meetings or throughout the day to ensure your car is always ready when you need it.



Marine, Port & Mining

We power the cleaner, quieter, and cooler electric vehicles that are being used in the construction, marine and mining industries to not only improve air quality but to reduce total cost of ownership for your business.



OC02

Products

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Product Overview

From lightweight and portable to modular and upgradable DC chargers -- our suite of products caters for all types of fleet owners, businesses and municipalities who are beginning their e-mobility transition or scaling up their e-fleet with questions around which products or services are right for them. We are here to help you decide.



Mobile **40kW**

A strong starting point for all vehicle types.



Flex **180kW - 360kW**

A flexible solution for both DC and OC, for single or multiple vehicles.



Rapid **50kW - 150kW**

Futureproof, value for money chargers for fleets and public charging.

Ultra-Fast **450kW - 600kW**

Opportunity charging is Ultra-Fast charging for multiple vehicles.



Mobile

Lightweight and portable



Reliability on-the-go-rapid DC charging where you need it



Perfect for getting started. Charging starts automatically when plugged in



Charging Estimator

Time to power up to 100 km

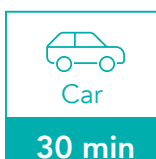
40kW Mobile Charger



150 min



165 min



30 min



Input Voltage:
400VAC +/- 10%

Power
conversion
efficiency:
94%

Output voltage
range: 100 -
1000V

Design for reference only. Design and product specifications are subject to change without notice.

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Flex

Easily upgradable for growing fleets



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



Scalable design grows with your business needs



Our Flex Charge System is compatible with any interface you need



Charging Estimator

Time to power up to 100 km

180kW Charger



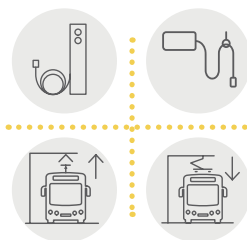
360kW Charger



Output voltage range:
150 - 1000 V

Power conversion efficiency: 96.3%

Compatible with:



Design for reference only. Design and product specifications are subject to change without notice.

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Ultra-Fast

Charge multiple EVs in minutes



Charge optimally within 2-5 minutes without the need of schedule change



Used at depots or en-route, our Ultra-Fast chargers offer full flexibility



Need support? We're on hand 24 hours a day if any issues arise



Charging Estimator

Time to power up to 100 km

**450kW
Charger**



13 min

**600kW
Charger**

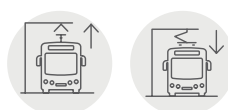


10 min



Power conversion
efficiency: >96%

Output voltage
range: 460 - 800 V



Design for reference only. Design and product specifications are subject to change without notice.

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Rapid

Affordable and future proof



Multifunctional solution for your fleets. Suitable for public charging, retail, office and more



Equipped with plug interfaces to suit any car in Europe.



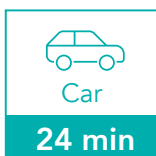
Industry-leading in-built safety systems and remote support



Charging Estimator

Time to power up to 100 km

50kW Public Charger

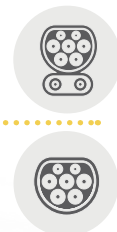


Design for reference only. Design and product specifications are subject to change without notice.



Output voltage range: 150 - 500 V (CCS / CHA), 400 V (AC output)

Power conversion efficiency: >94%



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Rapid

High power versatility for public charging



Ease of use with a customizable touchscreen and a simple tap payment terminal



Fully customizable housing so your company branding always stands out.



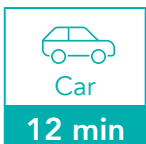
Unique system for easy organized cable management.



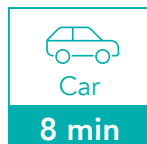
Charging Estimator

Time to power up to 100 km

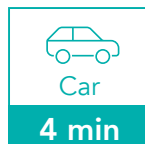
**100kW
Charger**



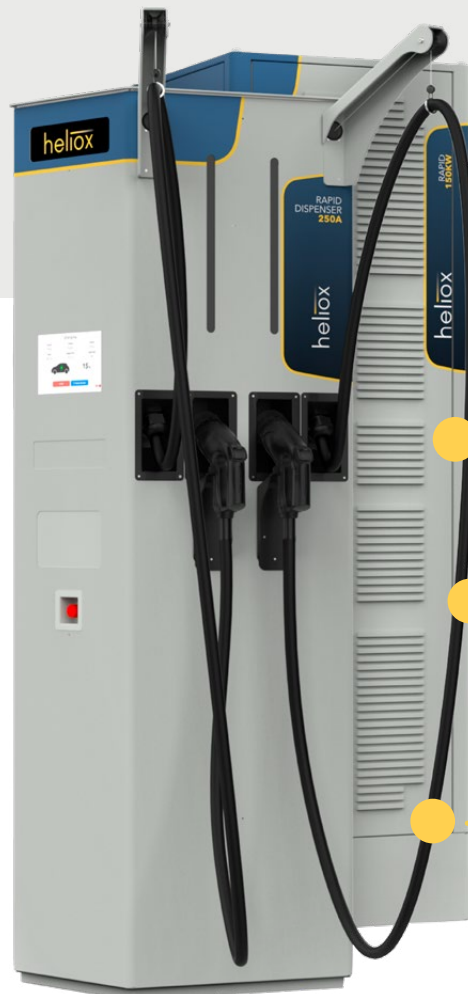
**150kW
Charger**



**300kW
Charger**



Design for reference only. Design and product specifications are subject to change without notice.



Output voltage range: 150 - 1000 V

Power conversion efficiency: >94%



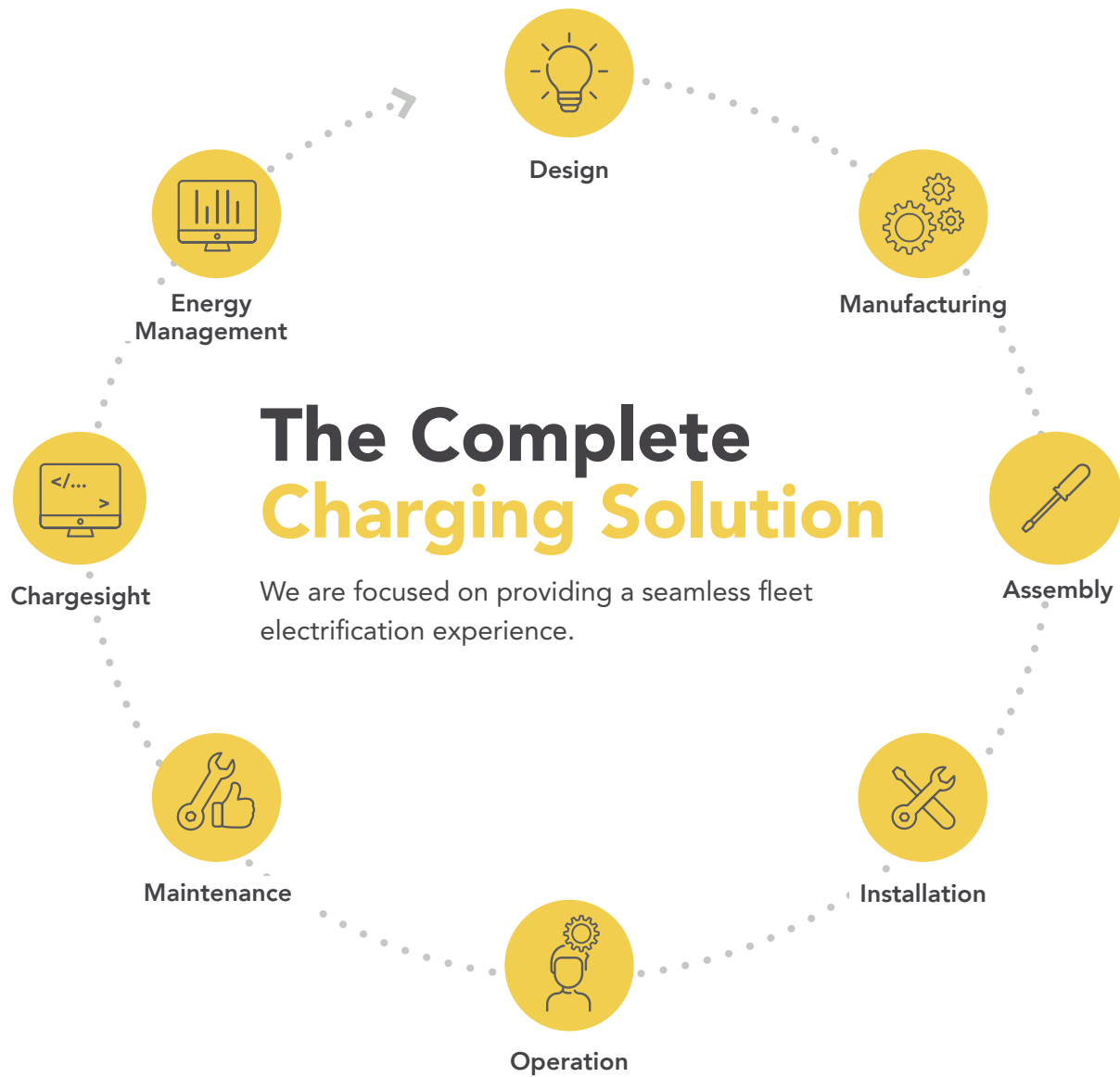
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A photograph of a technician in a white lab coat working on a circuit board at a workbench. The workbench is equipped with a blue mat, a red and black soldering station, and a white adjustable lamp. In the background, there are metal shelving units filled with various electronic components and tools. The scene is brightly lit, suggesting a professional laboratory or workshop environment.

Services

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Installation

Our experts will visit your site for a tailored quote before agreements and installation begins. Installation includes delivery, setup, commissioning, testing, training and the start of operations.



Maintenance

Heliox's Service Level Agreement provides access to proactive maintenance, maintenance notifications and technical fixes by our expert team.



Chargesight

Monitor fleet charging performance and utilization anytime, anywhere. With Heliox' back office system you can set preferences and retrieve daily reports on any charger faults.

Charging-as-a-Service

Get fully financed, turnkey charging solutions for the lifecycle of your electrification projects in return for fixed regular payments. Zero upfront cost and total peace of mind.

Charging-as-a-Service helps make the costs of charging as low as traditional diesel fuels. This is the first time a charging provider is offering a finance option with energy management included.



Access & affordability - significantly lowers your barrier to entry when switching you fleet to electric.



Peace of mind - Heliox will own, fund and maintain the charging infrastructure.



Future-Proof Bolt-ons - When available, services including Chargesight, Vehicle-to-grid (V2G) and Dynamic charging can be added within the finance offer.



Powered by Heliox and Fleete

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To find out more about our financing option, please contact:

info@heliox-energy.com

Customer Roadmap

- 1 ● **Request for quotation**
Answer a few simple questions about your business' charging needs to start your journey with Heliox.
- 2 ● **Site visit & tailored quotation**
We conduct a site visit to understand the specifics of your request and send a tailored quotation to cover every aspect of your project.
- 3 ● **Agreement between parties**
Any questions on scope and planning can be answered by our Sales, Operations and Installation teams before an agreement is made.
- 4 ● **Ordering & assembly**
On average this takes around 6 weeks depending on the size and scope of the agreement.
- 5 ● **Operations start**
On-site implementation begins for your project including delivery, installation, commissioning, testing, training and the start of operations. Service and maintenance are always on hand if any issues arise thereafter.
- 6 ● **Monitoring and Maintenance**
Start tracking the performance and utilization of your chargers with Heliox back-office Chargesight.





We're on hand 24 hours a day, 7 days a week

Our Charger Care Service ensures your charging system is kept running at the highest uptime in the industry. Each Heliox Charger has a 24/7 remote monitoring connection, which together with the local Charge Point Operator ensure your charging efficiency is optimized.

Disclaimer

Charging Estimator figures shown are calculated based on average kWh charging speeds and average battery size across e-bus, e-truck and passenger vehicles. Real world km's charged within 1 hour will vary depending on different factors including temperature, battery health etc.

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