

Product Catalog



2022



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

1600+

DC rapid chargers
installed globally

200MW

Of smart charging
solutions implemented

250+

Employees
worldwide

20

Countries actively seeking
Heliox solutions

600kW

Ultra-rapid 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



The image shows two modern, silver Heuliez electric buses parked at a charging station. The buses are positioned side-by-side, with the one on the left slightly ahead. Above them is a complex metal structure with overhead charging cables and connectors. The bus on the left has the number '259' on its front, the 'HEULIEZ' brand name, and a license plate '34-BPJ-9'. It also features accessibility icons for wheelchair, pedestrian, and stroller. The bus on the right has the number '503' and '7446' on its front, and displays 'usb', 'wifi', and 'airco' icons near its entrance. The background shows a clear sky and some greenery.

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
25kW - 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-Rapid 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

25kW Mobile Charger

 E-bus	 E-truck	 Car
240 min	264 min	48 min

40kW Mobile Charger

 E-bus	 E-truck	 Car
150 min	165 min	30 min

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



Output voltage range: 100 - 1000V

Power conversion efficiency: 94%

Compliance & Safety: CE/EN 55011 / IEC61000-6-2

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Flex

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Easily upgradable for growing fleets



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



Modular and 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

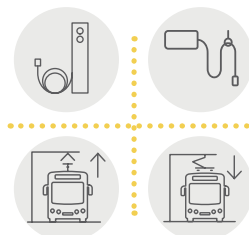
 E-bus	 E-truck
33 min	37 min

360kW Charger

 E-bus	 E-truck
17 min	18 min

Output
voltage range:
200 - 1000 V

Power conversion
efficiency: 95.5%



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 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

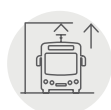


13 min

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

Future-proof and modular



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



Easy to upgrade as your fleet grows

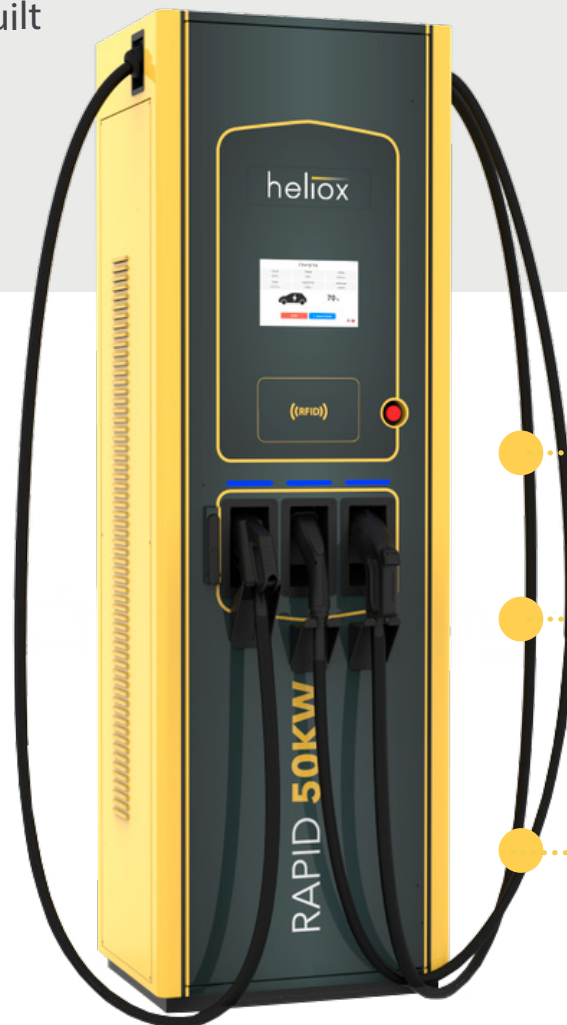
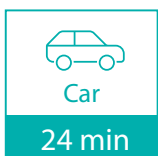


Industry-leading in-built safety systems and remote support



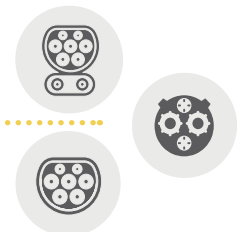
Charging Estimator
Time to power up to 100 km

50kW Public Charger



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

Power conversion efficiency: >94%



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

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Rapid

High power versatility for public charging



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



An extra power rack allows for easy upgrading to 300kW, making the Rapid CS future-proof

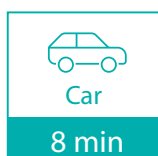


Excellent serviceability, one-person can easily upgrade the modules



Charging Estimator
Time to power up to 100 km

150kW Mobile 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, a white desk lamp, and various electronic components. In the background, there are metal shelving units filled with components. The word "Services" is overlaid in white text on a dark grey rectangular background.

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 you can set preferences to receive daily reports and receive alerts 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 on top.



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.



**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.





Offices



Netherlands HQ

De Waal 24, 5684 PH Best
The Netherlands



Germany

Florianstraße 15-21,
44139 Dortmund, Germany



USA

165 Ottley Drive NE
Suite 205 Atlanta,
GA 30324, USA



Spain

SC Trade Center: Av. Corts Catalanes
5 08173 Sant Cugat del Vallès,
Barcelona, Spain



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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www.heliox-energy.com

**For general queries
please contact us:**

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info@heliox-energy.com

**For technical support
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