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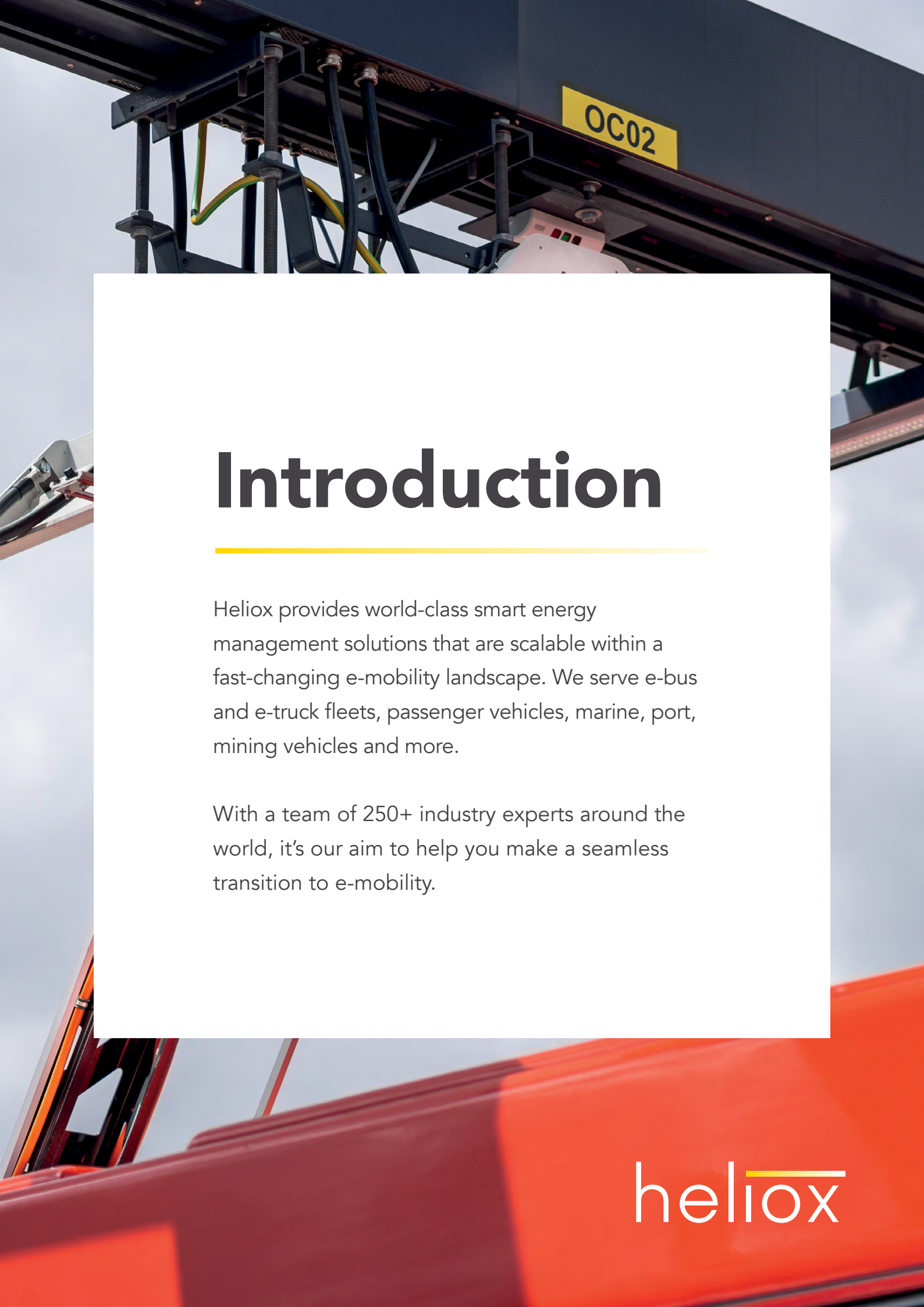
Product Catalog

2021



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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Table of contents

Charging Ahead 04

About 04

Our Partners 05

Sectors 06
Key Segments 07

Products 08
Overview 09
Mobile 10
Fast 11
Flex 12
Ultra Fast 13
Rapid 14

Service 16
The Complete Charging Solution 17
Chargesight 17
Charging-as-a-Service 18
Customer Roadmap 19

Contact 22

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**

Sectors

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E-Bus

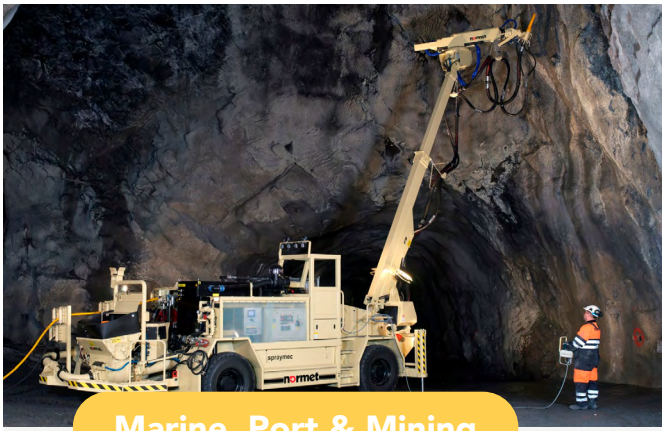
Keep your fleet on schedule, our rapid chargers provide up to 67% faster charging speeds than any other provider, and you are always supported our 24/7 service and maintenance.

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.

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.

Fast

150kW

A powerful and high-efficiency solution for single vehicles or a small fleet.

Flex

180kW - 360kW

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

Ultra-Fast

450kW - 600kW

Opportunity Charging is Ultra-Rapid charging for multiple vehicles.

Rapid

50kW - 150kW

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

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	330 min	95 min

40kW Mobile Charger

E-bus	E-truck	Car
150 min	210 min	60 min

Output voltage range: 100 - 1000V

Power conversion efficiency: 94%

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

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Fast

Perfect option for small fleets

- Optimum depot charging for a single vehicle or a small fleet
- Compatibility with any e-bus or e-truck plug connector
- Remote support and maintenance from project start to finish

Output voltage range:
460 - 800 V

Power conversion efficiency: >96%

Charging Estimator
Time to power up to 100 km

E-bus	E-truck
40 min	55 min

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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

Modular and scalable design grows with your business needs

Our Flex Charge System is compatible with any interface you need

Output voltage range: 200 - 1000 V

Power conversion efficiency: 95.5%

Charging Estimator
Time to power up to 100 km

180kW Charger

E-bus	E-truck
30 min	45 min

360kW Charger

E-bus	E-truck
15 min	20 min

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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	600kW Charger
E-bus	E-bus
13 min	10 min

Power conversion efficiency: >96%

Output voltage range: 460 - 800 V

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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

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

Power conversion efficiency: >94%

Charging Estimator
Time to power up to 100 km

50kW Public Charger

Car
24 min

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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

- Output voltage range: 150 - 1000 V
- Power conversion efficiency: >94%

Charging Estimator
Time to power up to 100 km

150kW Mobile Charger

E-truck	Car
55 min	8 min

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Services

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The Complete Charging Solution

We are focused on providing a seamless fleet electrification experience.

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 perfomance 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:

+31 88 5016 300

info@heliox-energy.com

For technical support please contact us:

+31 88 5016 333

support@heliox-energy.com