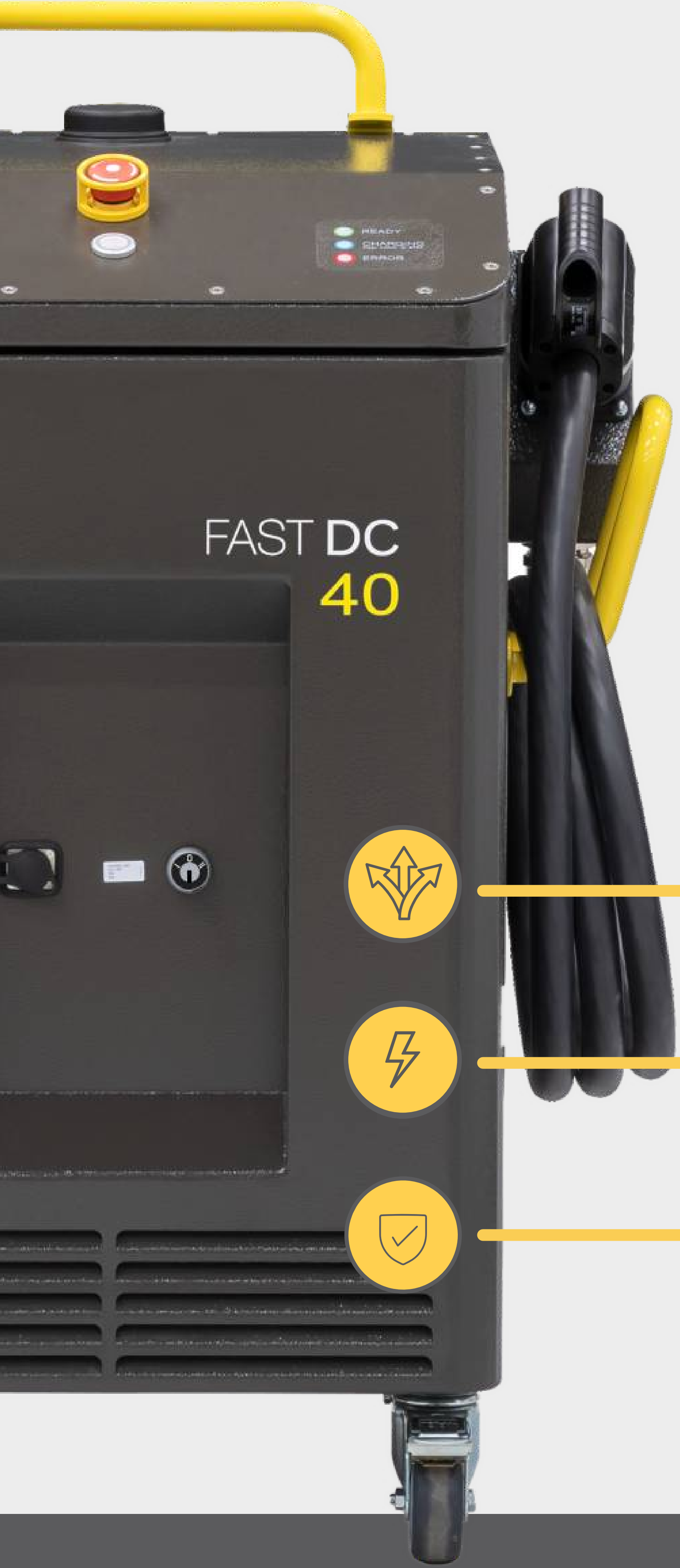


Mobile
40 kW

Simple. Durable. Portable.

The Heliox Mobile charger is the perfect solution for workshops, bus depots or driving events. With a durable yet lightweight design built from the ground up for the daily activities of service and maintenance personnel.

Reliability on-the-go.
Rapid DC charging where you need it

Perfect for getting started.
Charging starts automatically when plugged in

Power limit switch with key lock for safe and easy adjustment to AC wall-socket type

heliox

Mobile 40 kW

Durability: A strong metal casing and wheel system means it stands up to daily wear and tear in ways other chargers simply cannot.

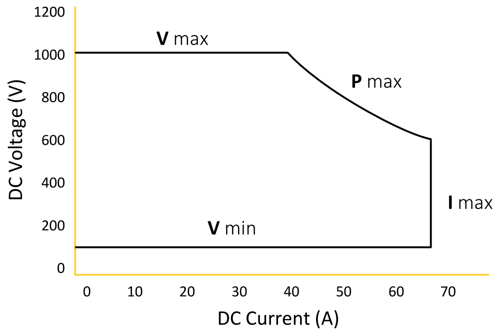
Simplicity: Mobility meets efficiency. Simply connect the charger to a standard CCE-Style 400V AC wall-socket and the charging process starts automatically.
(16A=10kW; 32A=20kW; 63A=40 kW)

General

Charging standard	IEC61851-1/23/24
Communication standard	DIN70121 / ISO15118-1/2/3 ed1
Compliance and safety	CE / EN 55011 / IEC61000-6-2
DC charging connection	CCS2 (IEC 62196)
Power factor above 50 % rated	> 0.95
Peak efficiency	94%
Dielectric withstand	2500 V
Network cellular	4G modem
Back Office	OCPP interface, Chargesight
Temperature range	-20 to 40°C (without derating)
Operational noise level	< 55 dB(A) @ 1 m
System weight	120 kg
Protection	IP54 / IK10 Key lock for power limit switch
Environment operating	ISO 12944: C4 H
Dimensions	H: 959 mm, W: 720 mm, D: 563 mm (incl wheels & handles)
AC cable length	3.0 m
DC cable length	3.0 m

Interface

CCS2



Input

Input connections	3P + PE
Input power rating; full load / idle	43 kVA / 15 VA
Input line-line voltage range	400 V AC +/- 10 %, 50 Hz
Input maximum AC current per phase	63 A, inrush current limited

Output

Output DC voltage range	100 - 1000 V
Rated DC output power	40 kW
Maximum DC output current	67 A

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