

# Mobile 50kW

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

heliox

# Mobile 50kW



**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 480V AC wall-socket and the charging process starts automatically.

**98%  
uptime**

## General

Charging standard	ISAE J1772
Communication standard	DIN70121 / ISO15118-1/2/3 ed1
Compliance and safety	UL 2202 / UL 2231
DC charging connection	CCS type-1 (IEC 62196)
Power factor above 50 % rated	> 0.98
Peak efficiency	95%
Dielectric withstand	3000 V
Network cellular	4G modem
Back Office	OCPP interface, Chargesight
Temperature range	-4 to 104 °F
Operational noise level	< 55 dB(A) @ 40"
System weight	270 lbs
Protection	NEMA 3R
Environment operating	ISO 12944: C4 H
Dimensions	H: 36" W: 20" D: 20"

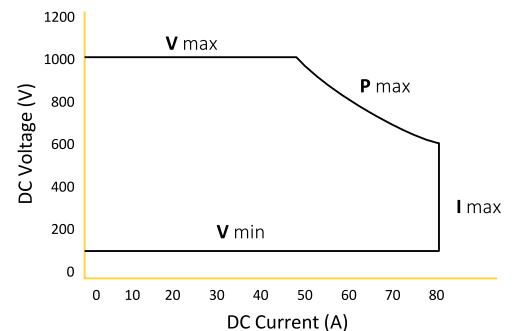
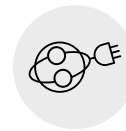
## Input

Input connections	3P + G
Input power rating; full load / idle	54 kVA / 15 VA
Input line-line voltage range	480 V AC +/- 10 %, 60 Hz
Input maximum AC current per phase	65 A, inrush current limited

## Output

Output DC voltage range	100 - 1000 V
Rated DC output power	50 kW
Maximum DC output current	80 A

## Interfaces



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