



# 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

# 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"          |

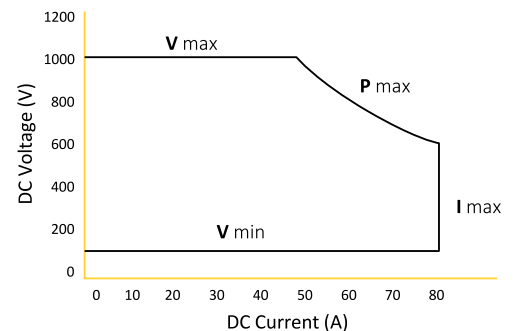
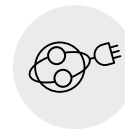
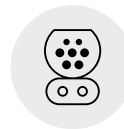
## Input

|                                      |                              |
|--------------------------------------|------------------------------|
| 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



heliox

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