

# Mobile 50 kW

**Simple. Durable. Portable.**

With durable and portable design, the Heliox Mobile DC charger is built with the daily activities of service and maintenance personnel in mind. And with no fixed installation required, you'll save thousands on infrastructure costs as well.



Manufactured and tested in the United States ensuring Buy America Act compliance.



Perfect for getting started with EV or scaling up. Simply connect to a 480V AC wall socket and start charging.



With a compact design and no fixed installation, Mobile 50 can be moved to charge anywhere it can be plugged in.

All product designs and specifications are subject to change without notice

heliox



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**Durable:** A strong metal casing and wheel system means Mobile 50 kW stands up to daily wear and tear in ways other portable chargers simply cannot. And with a NEMA 3R rated enclosure, Mobile can be safely operated both indoors and outside.



**Future-proof:** The Mobile 50 kW is the perfect EV charging companion, now and in the future. No matter what direction your business is headed, this charger will always be by your side, providing reliable charging when and where you need it.

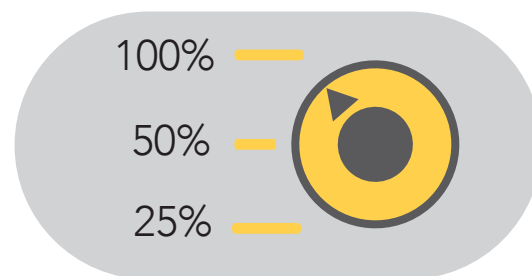
**96.2%  
Efficiency**

## General

Charging standard:	SAE J1772 (CCS type-1)
Communication standard:	DIN70121 / ISO15118-1/2/3
Compliance and safety:	UL 2202 / UL 2231
Power factor above 50% rated:	>0.98
Peak efficiency:	96.2%
Dielectric withstand:	3000 V
Network cellular:	4G modem
Back office:	OCPP 1.6J
Temperature range:	-4 to 104 °F
Operational noise level:	<55 dB(A) @ 40"
System weight:	270 lbs.
Dimensions:	H: 36", W: 20", D 20"
Protection	NEMA 3R
Environment operating:	ISO 12944: C4 H

## One charger, three settings

Raise or lower your charger input with the turn of a dial, enabling you to activate sessions in situations where power supply may be limited.



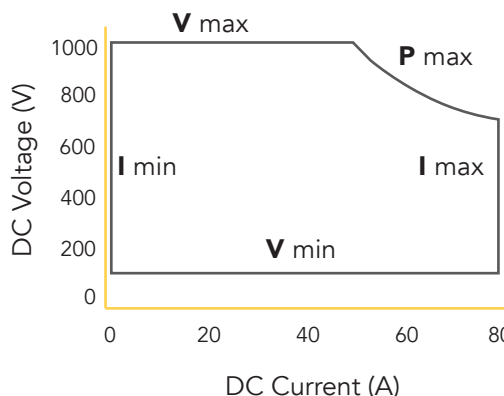
Actual power maybe impacted due to vehicle parameters

## Input

Input connections, Frequency:	3P + G, 47-63 Hz
Input current limit values:	15 A / 25 A / Max. (user selected)
Full load / idle input power:	54 kVA / 15 VA
Input line-line voltage range:	480 V AC +/- 10%, 60 Hz
Input max. AC phase current:	65 A, inrush current limited

## Output

Output DC voltage range:	100 - 1000 V
Rated DC output power:	50 kW
Output power limits:	11 kW (@ 15 A AC input current) 19 kW (@ 25 A AC input current) 50 kW (@ Max. input current)
Maximum DC output current:	80 A



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