



Mobile 50 kW DC Charger

Simple, durable, portable

With a durable and portable design, the Cummins Mobile 50 kW 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.

Buy America compliant

Cummins EV Chargers are manufactured and tested in the United States

Easy to use

The Mobile 50 kW DC Charger plugs into any 480V AC wall socket and has a small footprint with no fixed installation, making it versatile and easy for anyone to use.

Durable

A strong metal casing and wheel system mean the Cummins Mobile 50 kW DC Charger stands up to daily wear and tear in ways other portable chargers simply cannot. And with a NEMA 3R-rated enclosure, the charger can be safely operated indoors and outdoors.



EV CHARGER

Mobile 50 kW DC Charger Spec Sheet

PART NUMBERS

HE9819025-01-CSA	50 kW DC Mobile with 3m AC Cable
HE9819025-01-CSS	50 kW DC Mobile with 10m AC Cable

GENERAL

Charging Standard	SAE J1772 (CCS Type-1)
Communication Standard	DIN70121 / ISO15118-1/2/3
Compliance and Safety	UL 2022 / UL 2231 / CSA C22.2 (Field)
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

INPUT

Input Connections, Frequency	3P + G, 47-63 Hz
Input Current Limit Values	15 A / 25 A Maximum (User Selected)
Full Load/Idle Input Power	54 kVA / 15 VA
Input Line-Line Voltage Range	480V 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 (@ Maximum Input Current)
Maximum DC Output Current	80 A

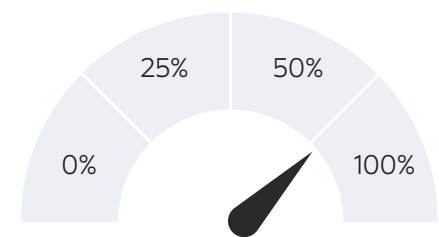
SERVICE AND SUPPORT

The Cummins Mobile 50 kW DC Charger is backed by a two-year warranty, as well as supported by the Cummins broad, nationwide service and support network.

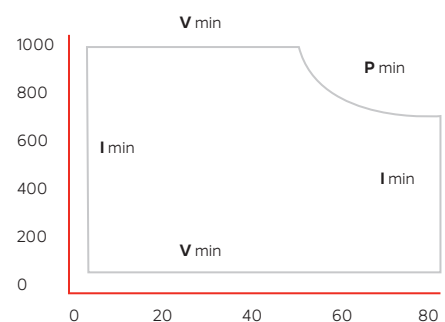
96.2% EFFICIENCY

ONE CHARGER, THREE SETTINGS

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



* Actual power maybe impacted due to vehicle parameters



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