

Depot Charger Fast DC 50 kW



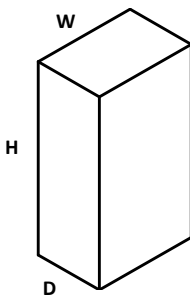
Specifications

Charge any CCS compatible bus with up to 50 kW. With Heliox Power Curve Technology the bus at the depot is 67% charged faster, whilst performing at industry's highest efficiency 97%. A fast and high-efficiency solution for single vehicles or small fleet.

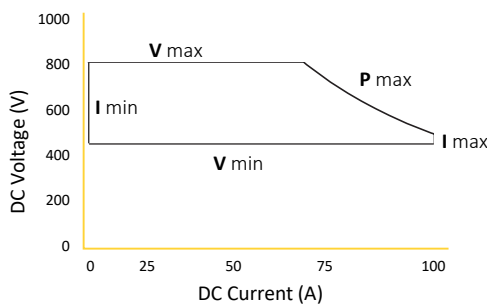
Industry highest component reliability and system redundancy always keeps your fleets' battery charged. Charger systems are prepared for the future with V2G and Smart Grid functionality and connect with CCS-plug and alternatively with pantograph according to ISO 15118 / DIN70121 / IEC 61851. This secures all vehicle manufacturer compatibility.

Dimensions

H: 2000 mm
W: 600 mm
D: 800 mm



Power Curve



General

Environment operating
Temperature
Charging standard
Compliance and safety
Output DC voltage range
Rated DC output power
Rated DC output current

Charger

Indoor/Outdoor
-20 to 40 °C
IEC61851-1/23/24 /
DIN 70121 / ISO15118
CE / EN 55011 / IEC61000-6-2
460 - 800 V
50 kW
0 - 100 A, bidirectional

Input connections
Input power rating;
full load / idle
Input AC line-line voltage
range
Input AC phase current;
maximum / fused
Power factor, THD V,I
Peak efficiency
Dielectric withstand

3P + PE
54 kVA / 50 VA
400 V +/-10%
78 / 80 A, inrush current
limited
> 0.99, < 2%, < 5%
97%
3000 V

Network cellular
back office
Protection
Operational noise level

4G modem, LAN
OCPP 1.6J/2.0*, ChargeSight
IP54 / IK10
<55 dB(A) @ 1 m

System weight

550 kg

*Under development

→ 97%
Efficiency

⌚ ↑ Highest
up time

☑ Back office
systems

☁ Zero
Emissions

🔧 Support
services

🔊 ↓ Industry's
quietest

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