

Opportunity Charger 150 kW



Specifications

Charge any CCS compatible bus with up to 150 kW. The 300 A charging current is the highest in the market for a 150 kW system. 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.

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 (optional to -30 and/or 50 °C)
IEC61851-1/23/24 /
DIN 70121 / ISO15118
CE / EN 55011 / IEC61000-6-2
460 - 800 V
150 kW
0 - 300 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
167 kVA / 50 VA
400 VAC +/-10 %
(MV integration optional)
241 / 250 A, inrush current
limited
> 0.99, < 2%, < 5%
97%
3000 V

Network cellular
back office
Protection
Operational noise level

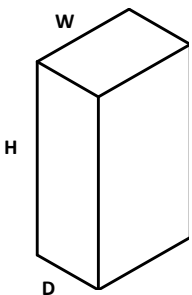
4G modem, LAN
OCPP 1.6J/2.0*, ChargeSight
IP54 / IK10
<55 dB(A) @ 1 m

System weight

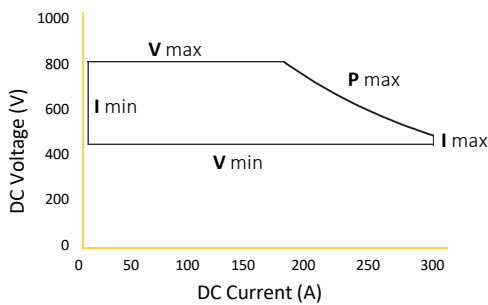
1400 kg

Dimensions

H: 2200 mm
W: 1200 mm
D: 800 mm



Power Curve



*Under development

→ 97%
Efficiency

⌚ ↑ Highest
up time

☑ Back office
systems

☁ Zero
Emissions

🔧 Support
services

🔊 ↓ Industry's
quietest

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