

DC outlet cabinet

600 A EVSE-down ACD Inverted pantograph CE



This DC outlet allows for charging vehicles using an autoconnect charging device (ACD) EVSE-down inverted pantograph to a maximum of 600 A DC. Performing at industry's highest standards. A fast and user-friendly solution for single vehicle charging.



Combined with a powerful Heliox DC base station this DC Outlet allows for reliable opportunity charging of your entire fleet of EVs up to 600 A DC.



General

Charging standard	IEC61851-1/21-2/23
Communication standard	ISO15118-1/2 OppCharge message set
Conductive ACD type	EVSE-down (case D) counterpart cross-rail
Compliance and safety	CE
ACD actuation lowering and retraction each	5 seconds (fast IP), 17 seconds (slow IP), 12 seconds (depot IP)
Distance DC outlet to inverted pantograph	Up to 10 m
EV to EVSE initialisation	Wi-Fi (ISO15118-8) or RFID
Human machine interaction	Charger status indication
Temperature range	-25 to 45 °C, derating may apply
Operational noise level, excluding contacting instance	< 55 dB(A) @ 4 m
Cabinet weight	67 kg (excluding ACD)
Cabinet protection	IP54 / IK10 (excluding ACD)
Environment operating	ISO 12944: C4 H, optional C5 H

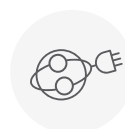
Input

Input connections from EVSE base station	DC+, DC-, PE, communication, 400 V AC 50 Hz (3P+PE or 3P+PE+N)
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Output

Maximum DC voltage	1000 V
Maximum DC current	600 A continuous

Interfaces



Status indication



Ready



Charging



Error

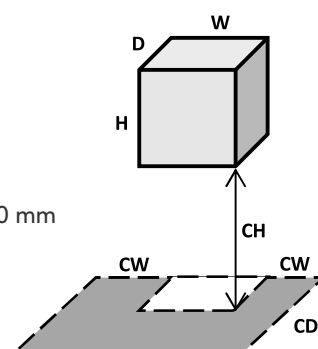
Dimensions

Product

H: 610 mm
W: 810 mm
D: 300 mm

Clearance

CWL: 500-1200 mm
CWR: 250 mm
CD: 1600 mm



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