

DATA SHEET



PowerHub 500 Dispenser



AC input

AC input frequency/voltage	230 V AC, 1-phase + N + PE, ± 10 %, 45 - 65 Hz
AC max. input current	16 A
Power factor	> 0.95
Total harmonic current	< 5 % THDi
Short circuit current	25 kA * 50 kA (EN 61439-1) with 900 A gS fuse or 2 x 450 A gS fuse
Grid types supported	TN, TT
Overvoltage category	OVC III (DIN 60664-1)
Terminals	1
Diameter	2,5 mm ²



DC output

Output DC voltage range	250 - 1000 V DC
Max. DC output power	500 kW
DC output current	500 A continuous per CCS2 outlet; 600 A boost
Cable access range	> 4,8 m



DC input

Diameter	150 mm ² with 4 cables per pole, 240 mm ² with 2 cables per pole
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Mechanical

Dimensions without and *with spring cable management	Height: 2005 mm * 2690 mm / Width: 960 mm * 960 mm / Depth: 350 mm * 760 mm
Weight	Max. 500 kg
Installation / Placement	Installation on a concrete Foundation / Installation against a wall possible



User interface

Display	15 inch
Buttons	4



Environment

Altitude	3000 m
Noise	L _{WA} = 63 dB(A)
IP	IP54
IK	IK10
Temperature	- 40°C - + 85°C without liquids



Thermal

Operating Temperature	- 30°C - + 45°C
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Communication

Physical	Ethernet (Cat and fiber)
Backend	OCPP1.6J and higher / ChargeView



Maintenance

Service Access	Front
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Compliance & standards

Energy measurement compliance	German Eichrecht, MID
Use Europe	CE in compliance with (2014/30/EU, 2014/35/EU, 2014/53/EU)
Electrical	IEC 61851-1, IEC 61851-23, IEC 61439-1, IEC 61439-7