MaxiCharger DH120

All-in-one Charger



	DH120 (Max. 100kW)
DC Output	
Output Power	50kW; 100kW
Minimum Adjustable Power	50kW granularity
Output Voltage	150 - 1000V
Output Current	Uncooled Cable: 200A (Max. 300A)
Peak Efficiency	96.5%
Number of Outputs	2 or 1
Charging Mode	2*CCS2; 1*CCS2
AC Input	
Input Voltage	400V ±10%, 1 route
Input Frequency	50Hz/60Hz
Earthing System	TN-S, TN-C, TN-C-S, TT
Input Connection	3 Phases+PE
Power Factor	>0.99
Controllable PF Range (VPFC)	±0.9
Harmonic Distortion (THDi)	<3%
Overvoltage Category	AC side (Input) OVC: III
General Specifications	
Dimensions (W×D×H)	620mm × 250mm × 2000mm
Connectivity	Double SIM 4G, Wi-Fi, Ethernet
Screen Type	8 inch LCD Touch Screen with 2 buttons
Energy Metering	Accuracy: 1% (MID)
Cable Length	5m (Optional: 7.5m, 10m)
Standby Power	<50W [1]
Enclosure Rating	IP54/IK10
Communication to the EV	ISO 15118-2 with PnC (ISO 15118-20 Ready), DIN 70121
Software Update	OTA updates via web portal, FTP, FTPS, HTTPS
Accessibility	Meets ADA requirements for height, reach, and user interface
User Interface	
Status Indication	Yes
Languages	English, French, Spanish, German, Italian, etc. (GUI in 29 languages)
Credit Card Readers	Nayax Onyx, Payter P66/Apollo, PAX IM30, Worldline Valina, Castles S1U2/UPT1000F
RFID Protocols	ISO 14443 A/B, ISO/IEC 15693, MIFARE
Authorization Methods	AutoCharge, Plug & Charge, APP, RFID card, QR code, Credit Card (Optional)
Communication Protocols	OCPP 1.6J (OCPP 2.0.1 Optional)
Cable Management System	Optional
Environmental Specifications	
Humidity	<95% RH, non-condensing
Operating Altitude	≤2000m
Operating Temperature Range	-35°C to 55°C
Storage Temperature Range	-40°C to 70°C
Noise	≤55dBA [2] (Silent Mode)
EMC Compliance	EMC Class A
Compliance and Safety	IEC 61851-1, IEC 61851-21-2, IEC 61851-22, IEC 61851-23, IEC 62479, EN 55011
Certification	CE; UKCA; TÜV

* All pictures shown are for illustration purposes only. Actual product and specifications may vary due to product enhancement
(1) Measured under screen-off condition
(2) Standard environmental conditions 25°C, 1 m distance

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