

# All-in-one Charging Unit



DH240	
<b>DC Output</b>	
Output Power	80kW - 240kW
Minimum Adjustable Power	40kW granularity
Output Voltage	150 - 1000V
Output Current	Uncooled Cable: 380A (Max. 500A);
Peak Efficiency	96%
Number of Outputs	2 or 1
Charging Mode	2*CCS2; 1*CCS2
Earthing System	3P+PE
<b>AC Input</b>	
Input Voltage	3-phase 400V AC ±10%
Input Frequency	50Hz/60Hz
Network Type	TN-S, TN-C, TN-C-S, TT
Power Factor	≥0.99
Harmonic Distortion (THDi)	<5%
Overvoltage Category	AC side (Input) OVC: III
<b>General Specifications</b>	
Dimensions (W×D×H)	782mm x 478mm x 2287mm
Connectivity	Double SIM 4G, 5G, Wi-Fi, Ethernet
Screen Type	27 inch LCD Touch Screen
Cable Length	5m; 7.2m(Optional)
Standby Power	<85W (Depending on configuration)
Enclosure Rating	IP54/IPK10
Communication to the EV	ISO/IEC 15118 with PnC, DIN 70121
Software Update	OTA updates via web portal, FTP, FTPS, HTTPS
Accessibility	Meets ADA requirements for height, reach, and user interface
Emergency Button	Yes
Warranty	24 months, warranty extension possible
<b>User Interface</b>	
Status Indication	Standard
Languages	English, French, Spanish, German, Italian (others available via software upgrade)
Credit Card Readers	Nayax Onyx; Payter P66/Apollo; PAX IM30; Worldline Valina; Castles S1U2
RFID Protocols	ISO 14443 A/B, ISO/IEC 15693, MIFARE
Payment Terminal	AutoCharge, Plug & Charge, APP, RFID card, QR code, Credit Card (Optional)
Communication Protocols	OCPP 1.6J (OCPP 2.0.1 Optional)
Cable Management System	Standard
<b>Environmental Specifications</b>	
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 <sup>(1)</sup> (Silent Mode)
EMC Compliance	EMC Class A
Compliance and Safety	IEC 61851-1, IEC 61851-21-2, IEC 61000, Eichrecht
Certification	CE; UKCA; TR25; ETSI EN 303645; TÜV

(1) Standard environmental conditions 25°C, 1 m distance