

Distribution Charging Unit



	DS480	2*DS480 (DS960)	3*DS480 (DS1440)
DC Output			
Output Power	160kW - 480kW	320kW - 960kW	480kW - 1440kW
Minimum Adjustable Power	40kW granularity		
Output Voltage	150 - 1000V		
Peak Efficiency	96%		
Number of Outputs (Max.)	8	12	14 (1*MCS+13*CCS2)
Earthing System	3P+PE		
AC Input			
Input Voltage	3-phase 400V AC ±10% (2 Routes)	3-phase 400V AC ±10% (4 Routes)	3-phase 400V AC ±10% (6 Routes)
Input Frequency	50Hz/60Hz		
Network Type	TN-S, TN-C, TN-C-S, TT		
Power Factor	≥0.99		
Harmonic Distortion (THDI)	<5%		
Oversoltage Category	AC side (Input) OVC: III		
General Specifications			
Dimensions (WxDxH)	782mm x 782mm x 2155mm	1564mm x 782mm x 2155mm	2346mm x 782mm x 2155mm
Connectivity	Double SIM 4G, 5G, Wi-Fi, Ethernet		
Standby Power	<85W (Depending on configuration)	<160W (Depending on configuration)	<240W (Depending on configuration)
Enclosure Rating	IP54/IK10		
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		
User Interface			
Status Indication	Standard		
Languages	English, French, Spanish, German, Italian (others available via software upgrade)		
RFID Protocols	ISO 14443 A/B, ISO/IEC 15693, MIFARE		
Communication Protocols	OCPP 1.6J (OCPP 2.0.1 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 ⁽¹⁾ (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

Distribution Charging Unit



	DT800	DT500	DT1500
DC Output			
Output Current	Liquid-cooled Cable: 500A (Max. 650A)	Uncooled Cable: 380A (Max. 500A);	Liquid-cooled Cable: 1500A+500A (Max. 650A)
Output Voltage	150 - 1000V		
Number of Outputs (Max.)	2 or 1	2 or 1	2
Charging Mode	2*CCS2; 1*CCS2	2*CCS2; 1*CCS2	1*MCS+1*CCS2
General Specifications			
Dimensions (W×D×H)	322mm x 322mm x 1950mm	322mm x 322mm x 1650mm	300mm x 800mm x 2250mm
Screen Type	8 inch LCD Touch Screen		
Cable Length	5m; 7.2m(Optional)	5m; 7.2m(Optional)	MCS: 3m; CCS2: 5m
Standby Power	<65W		
Enclosure Rating	IP55/IK10		
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		
User Interface			
Status Indication	Standard		
RFID Protocols	ISO 14443 A/B, ISO/IEC 15693, MIFARE		
Credit Card Readers	Nayax Onyx; Payter P66/Apollo; PAX IM30; Worldline Valina; Castles S1U2		
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		
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 ⁽¹⁾ (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