AUTEL®

One-Stop Intelligent Charging Network

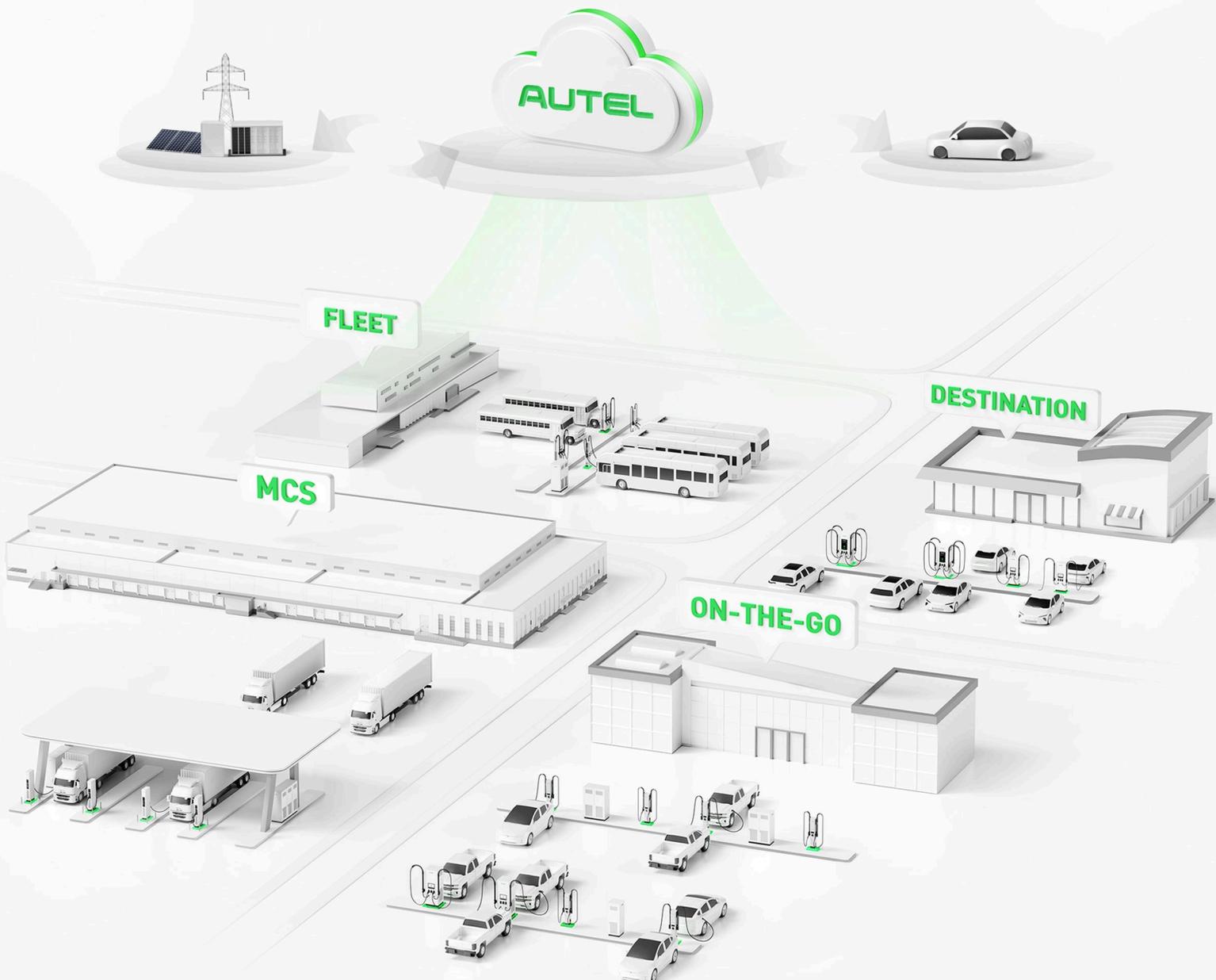## MaxiCharger DC Series

Ultimate Experience

Fast, smooth, and user-friendly, with the one-stop intelligent charging network

Superior Performance

Reliable, durable, and always online, with the remote O&M platform

Maximum Yield

Efficient, scalable, and highly utilized, with the AI charging technology

AUTEL

FLEET

DESTINATION

MCS

ON-THE-GO

All-in-one Charging Unit
120kW-480kW

Distribution Charging Unit
120kW-1440kW

The new-generation MaxiCharger DC series offers the one-stop intelligent charging network with cutting-edge innovations powered by AI. It provides a reliable performance with full-modular design, Eco-Cooling technology and site-level network hot backup. Intelligent vehicle-charger-cloud compatibility and charging curve prediction technology empower customers to maximize yield. Paired with PV+ESS integration and real-time energy dispatch algorithms, it optimizes total cost of ownership (TCO) while increasing revenue.

Ultimate Experience

Fastest Charging
Up to 1 km of range per second

Full Vehicle Coverage
Charging success rate exceeds 99%

Seamless Payment
Convenient payment without any downloads or registration

Superior Performance

Reliable Charging
Supports uptime 98%+

High Online Rate
Ensures over 99.9% online rate

Intelligent O&M
Enables remote maintenance with all-online O&M

Maximum Yield

Intensive Utilization
Improves charging efficiency by 10%

Optimal Power Usage
E2E efficiency up to 96%

Easy PV & BESS Integration
Supports future expansions, integrating with PV & BESS

All-in-one
Charging Unit

DH240	
DC Output	
Output Power	120kW; 160kW; 200kW; 240kW
Minimum Adjustable Power	40kW
Output Voltage	150-1000V
Output Current	Uncooled Cable: 380A (Max. 500A);
Peak Efficiency	96%
Number of Outputs (Max.)	2
Charging Mode	2*CCS2
Earthing System	3P+PE
AC Input	
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
General Specifications	
Dimensions (W×D×H)	782mm x 480mm x 2150mm
Connectivity	Double SIM 4G, 5G, Wi-Fi, Ethernet
Screen Type	27 inch LCD Touch Screen
Cable Length	5m; 7.5m(Optional)
Standby Power	<85W (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)
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
Environmental Specifications	
Humidity	<95 % RH, non-condensing
Operating Altitude	2000m
Operating Temperature Range	-35°C ~ 55°C / -31°F~ 131°F
Storage Temperature Range	-40°C ~ 70°C / -40°F~ 158°F
Noise	≤55dBA[1] (Silent Model)
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

All-in-one Charging Unit

DH480	
DC Output	
Output Power	320kW; 400kW; 480kW
Minimum Adjustable Power	40kW
Output Voltage	150-1000V
Output Current	Liquid-cooled Cable: : 500A (Max. 650A) Uncooled Cable: 380A (Max. 500A)
Peak Efficiency	96%
Number of Outputs (Max.)	2
Charging Mode	2*CCS2
Earthing System	3P+PE
AC Input	
Input Voltage	3-phase 400V AC ±10% (2 Routes)
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
General Specifications	
Dimensions (W×D×H)	782mm x 782mm x 2287mm
Connectivity	Double SIM 4G, 5G, Wi-Fi, Ethernet
Screen Type	15.6 inch LCD Touch Screen
Cable Length	5m; 7.5m(Optional)
Standby Power	<85W (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)
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
Environmental Specifications	
Humidity	<95 % RH, non-condensing
Operating Altitude	2000m
Operating Temperature Range	-35°C ~ 55°C / -31°F~ 131°F
Storage Temperature Range	-40°C ~ 70°C / -40°F~ 158°F
Noise	≤55dBA[1] (Silent Model)
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

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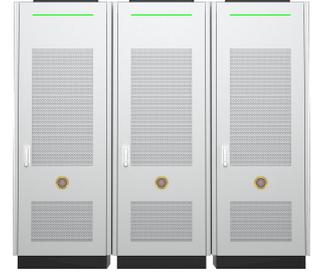
Website: autelenergy.com

Distribution Charging Unit

	DS480	DS960	DS1440
DC Output			
Output Power	320kW; 400kW; 480kW	640kW; 960kW	1440kW
Minimum Adjustable Power	40kW		
Output Voltage	150-1000V		
Peak Efficiency	96%		
Number of Outputs (Max.)	8	12	14 (1*MCS+13*CCS2)
Charging Mode	CCS2	CCS2	CCS2/MCS
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%		
Overvoltage Category	AC side (Input) OVC: III		
General Specifications			
Dimensions (W×D×H)	782mm x 782mm x 2150mm	1564mm x 782mm x 2150mm	2346mm x 782mm x 2150mm
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 ~ 55°C / -31°F~ 131°F		
Storage Temperature Range	-40°C ~ 70°C / -40°F~ 158°F		
Noise	≤55dBA$^{(1)}$ (Silent Model)		
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		

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Distribution Charging Unit

	DT800	DT500	DT1500
DC Output			
Output Power	480kW	400kW	1.2MW+480kW
Output Voltage	150-1000V		
Output Current	Liquid-cooled Cable: 500A (Max. 650A)	Uncooled Cable: 380A (Max. 500A);	Liquid-cooled Cable: 1500A+500A (Max. 650A)
Number of Outputs (Max.)	2	2	2
Charging Mode	2*CCS2	2*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	5m; 7.5m(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 ~ 55°C / -31°F~ 131°F		
Storage Temperature Range	-40°C ~ 70°C / -40°F~ 158°F		
Noise	≤55dBA⁽¹⁾(Silent Model)		
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

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