

One-Stop Intelligent Charging Network

MaxiCharger DC Series

Ultimate Experience

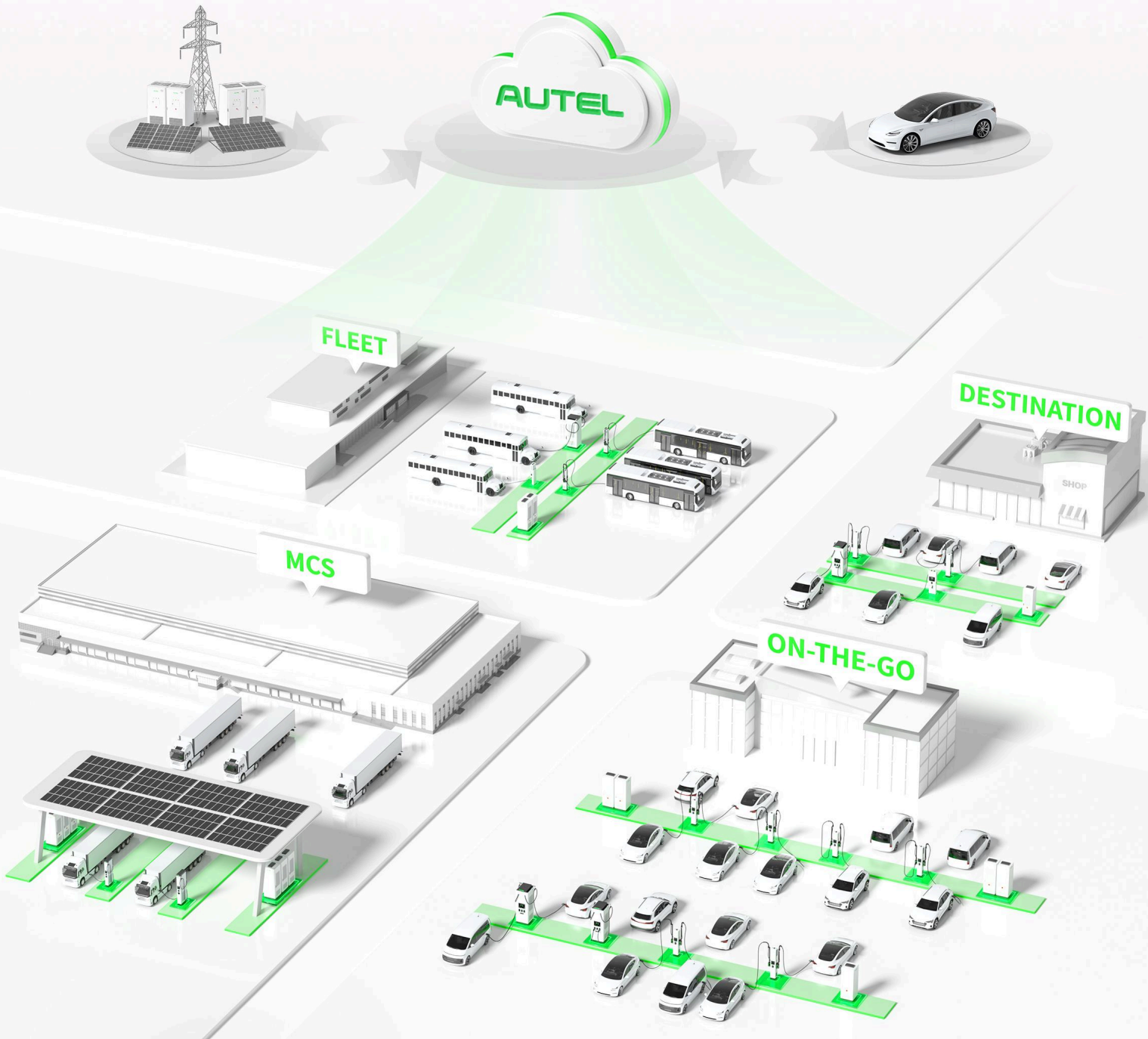
Fast, smooth, and user-friendly, with the one-stop intelligent charging network

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





CSMS



O&M Cloud



EMS



Edge Cloud



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 95%



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 97% ⁽¹⁾



Easy PV & BESS Integration

Supports future expansions, integrating with PV & BESS

(1) DH480 E2E efficiency up to 96%

MaxiCharger DS600

Distributed System (Power Cabinet)

1.8MW

MCS dispenser
support

97%

Peak
efficiency

±0.9

Controllable
PF range



MaxiCharger DS600

Distributed System (Power Cabinet)



	DS600	2 × DS600 (DS1200)	3 × DS600 (DS1800)
DC Output			
Output Power	200kW - 600kW	800kW - 1200kW	1000kW -1800kW
Minimum Adjustable Power	50kW granularity		
Output Voltage	150 - 1000V		
Peak Efficiency	97%		
Charging Mode	CCS1, J3400/NACS, MCS (Depends on configuration)		
Number of Outputs	8 × CCS1/NACS	14 (1 × MCS+13 × CCS1/NACS) or 16 × CCS1/NACS	20 (2 × MCS+18 × CCS1/NACS) or 24 × CCS1/NACS
AC Input			
Input Voltage	3-phase 480V AC +10%/-15% (2 Routes)	3-phase 480V AC +10%/-15% (4 Routes)	3-phase 480V AC +10%/-15% (6 Routes)
Input Frequency	60Hz ±5%		
Input Connection	3 Phase+PE		
Power Factor	≥0.99		
Controllable PF Range	±0.9 ^m		
Harmonic Distortion (THDi)	≤3% (Full Load)		
General Specifications			
Dimensions (W×D×H)	30.79 inch × 30.79 inch × 84.84 inch (782mm x 782mm x 2155mm)	61.57 inch × 30.79 inch × 84.84 inch (1564mm x 782mm x 2155mm)	92.36 inch × 30.79 inch × 84.84 inch (2346mm x 782mm x 2155mm)
Weight	1576.30 lb (715kg) ^m	3152.61 lb (1430kg) ^m	4728.91 lb (2145kg) ^m
Standby Power	≤85W (Depending on configuration)	≤160W (Depending on configuration)	≤240W (Depending on configuration)
Connectivity	Double SIM 4G, 5G, Wi-Fi, Ethernet		
Short Circuit Current Rating	65kA		
Enclosure Rating	NEMA 3R (IP54)		
Impact Resistance	IK10		
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	Yes		
Communication Protocols	OCPP 1.6J (OCPP 2.0.1 Optional)		
Environmental Specifications			
Humidity	<95% RH, non-condensing		
Operating Altitude	≤6561.68 ft (2000m)		
Operating Temperature Range	-31°F to 131°F (-35°C to 55°C)		
Storage Temperature Range	-40°F to 158°F (-40°C to 70°C)		
Noise	≤55dBA ^m (Silent Mode)		
EMC Compliance	EMC Class A		
Compliance and Safety	UL 2202 3rd, UL 2231, CSA C22.2, Energy Star, OCA 1.6J		
Certification	UL/cUL, FCC		

(1) Coming soon

(2) Depending on the configuration

(3) Standard environmental conditions at 77°F [25°C], 3.3 ft [1 m] distance



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MaxiCharger DT Series

Distributed System (Dispenser)

1500A

Max. output current for
MCS dispenser

0.1m²

Smaller
footprint

CCS1/NACS

Connector
support



MaxiCharger DT Series

Distributed System (Dispenser)



	DT800	DT500
DC Output		
Output Current (Max.)	Liquid-cooled Cable: 2 x CCS1: 500A (Max. 700A) 2 x J3400/NACS: 500A (Max. 700A)	Uncooled Cable: 2 x CCS1: 400A (Max. 500A) 2 x J3400/NACS: 380A (Max. 500A)
Output Voltage	150 - 1000V	
Number of Outputs	2 or 1	
Charging Mode	2 x CCS1; 2 x J3400/NACS; 1 x J3400/NACS+1 x CCS1; 1 x CCS1; 1 x J3400/NACS	
General Specifications		
Dimensions (W×D×H)	12.68 inch × 12.68 inch × 76.77 inch (322mm × 322mm × 1950mm)	12.68 inch × 12.68 inch × 64.96 inch (322mm × 322mm × 1650mm)
Cable Length	16.40 ft (5m)	16.40 ft (5m); Optional: 23.62 ft (7.2m)
Weight	418.88 lb (190kg) ^m	374.79 lb (170kg) ^m
Accessibility	Meets ADA requirements for height, reach, and user interface	
Screen Type	8 inch LCD touch screen with 2 buttons	
Energy Metering	CTEP/NTEP	
Standby Power	<65W ^m	
Enclosure Rating	NEMA 3R (IP55)	
Impact Resistance	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	
Emergency Button	Yes	
Warranty	24 months, warranty extension possible	
User Interface		
Status Indication	Yes	
Languages	English, French, etc. (GUI in 29 languages)	
RFID Protocols	ISO 14443 A/B, ISO/IEC 15693, MIFARE	
Credit Card Readers	Nayax VPOS, Payter Apollo Polar, PAX IM30, Castles S1U2	
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	Yes	
Environmental Specifications		
Humidity	<95% RH, non-condensing	
Operating Altitude	≤6561.68 ft (2000m)	
Operating Temperature Range	-31°F to 131°F (-35°C to 55°C)	
Storage Temperature Range	-40°F to 158°F (-40°C to 70°C)	
Noise	≤55dBA ^m (Silent Mode)	
EMC Compliance	EMC Class A	
Compliance and Safety	UL 2202 3rd, UL 2231, CSA C22.2, Energy Star, OCA 1.6J	
Certification	UL/cUL, FCC	

(1) Depending on the configuration

(2) Measured under screen-off condition

(3) Standard environmental conditions at 77°F [25°C], 3.3 ft [1 m] distance



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MaxiCharger DT1500

Distributed System (Dispenser)



DT1500

DC Output

Output Current	Liquid-cooled Cable: MCS: 1500A + CCS1 or J3400/NACS: 500A (Max. 700A)
Output Voltage	150 - 1000V
Number of Outputs	2
Charging Mode	1 × MCS + 1 × CCS1 or J3400/NACS

General Specifications

Dimensions (W×D×H)	11.02 inch × 30.71 inch × 89.96 inch (280mm x 780mm x 2285mm)
Cable Length	MCS: 9.84 ft (3m) + CCS1 or J3400/NACS: 16.40 ft (5m)
Weight	683.43 lb (310kg) ⁽¹⁾
Screen Type	8 inch LCD touch screen with 2 buttons
Energy Metering	CTEP/NTEP
Standby Power	<65W
Enclosure Rating	NEMA 3R (IP55)
Impact Resistance	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
Emergency Button	Yes
Warranty	24 months, warranty extension possible

User Interface

Status Indication	Yes
Languages	English, French, etc. (GUI in 29 languages)
RFID Protocols	ISO 14443 A/B, ISO/IEC 15693, MIFARE
Credit Card Readers	Nayax VPOS, Payter Apollo Polar, PAX IM30, Castles S1U2
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	Yes

Environmental Specifications

Humidity	<95% RH, non-condensing
Operating Altitude	≤6561.68 ft (2000m)
Operating Temperature Range	-31°F to 131°F (-35°C to 55°C)
Storage Temperature Range	-40°F to 158°F (-40°C to 70°C)
Noise	≤55dBA ⁽²⁾ (Silent Mode)
EMC Compliance	EMC Class A
Compliance and Safety	UL 2202 3rd, UL 2231, CSA C22.2, Energy Star, OCA 1.6J
Certification	UL/cUL, FCC

(1) Preliminary data to be verified

(2) Standard environmental conditions at 77°F [25°C], 3.3 ft [1 m] distance



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