

MaxiCharger

DC Fast

60kW - 240kW



MaxiCharger DC Fast



Powerful

Charge faster and more efficiently

- Up to 240 kW of fast charging
- Provides up to 125 miles of range in 10 min with a Maximum 400A output current
- Charging speed improved by up to 30% with boost mode



Smart Advertising and Communication Portal

Improve your ROI

- Show the charging related Info like State of Charge (SOC), Cost, kWh
- Offer an additional channel to boost revenue with the display of advertisements
- Communicate, promote or attract customers generating new revenue streams



Highly Reliability

Charge without worries

- Continually testing and evaluating new vehicle for interoperability
- Compatible with all vehicles of UL standards
- Charging success rate higher than industry average

High Power meets high operability with the **MaxiCharger DC Fast**



Weather Resistant



21 Safety Monitoring Items



Smart Cloud Portal & OCPP Capability



Remote Update & Diagnostics



Smart Charging



Plug & Charge



96% Charging Efficiency



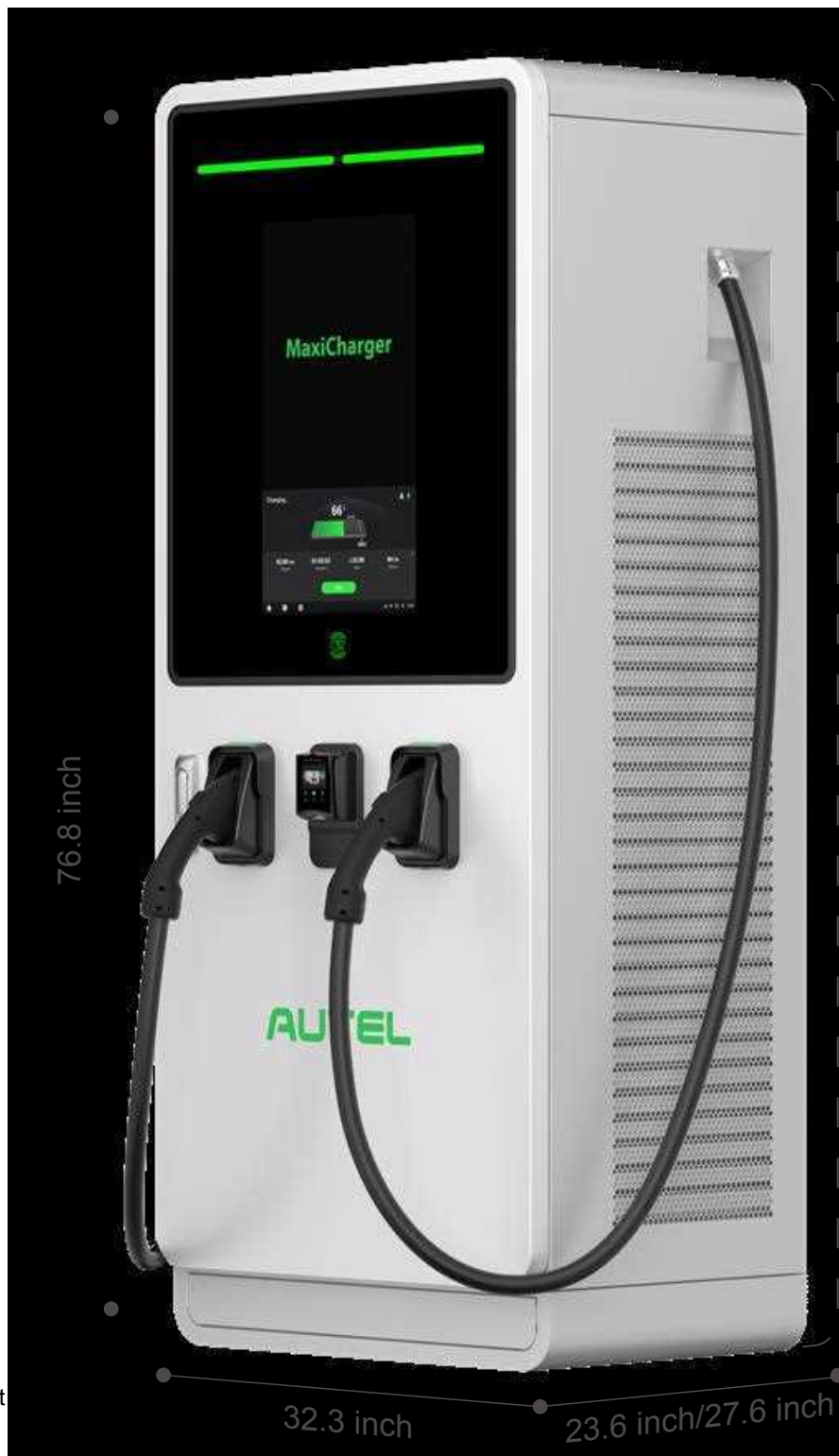
Flexible Hardware & Software Customization



Compatible with CCS1, CCS1 Boost or NACS



Support APP, RFID Card, Credit Card, Mobile Payment



*23.6 inch for 60-120kW, 27.6 inch for 140-240kW

SPECIFICATIONS

MAXI CHARGER DC FAST 60KW-240KW WITH 20KW INCREMENTS

PART NUMBERS

DCFC 60KW-120KW

60kW: UF060xxxxx; **80kW:** UF080xxxxx;
100kW: UF100xxxxx; **120kW:** UF120xxxxx

DCFC 140KW-240KW

140kW: UF140xxxxx; **160kW:** UF160xxxxx;
180kW: UF180xxxxx; **200kW:** UF200xxxxx;
220kW: UF220xxxxx; **240kW:** UF240xxxxx

The "xxxxx" portion of the product part number represents the various product configurations.

ELECTRICAL

CONNECTOR OPTION*	Dual CCS1, or CCS1 + NACS	Dual CCS1/CCS1 Boost, or CCS1 + NACS
MAX. INPUT AC CURRENT	60kW: 91A; 80kW: 120A; 100kW: 148A; 120kW: 177A	140kW: 206A; 160kW: 234A; 180kW: 263A; 200kW: 292A; 220kW: 321A; 240kW: 349A
NOMINAL INPUT AC CURRENT	60kW: 83A; 80kW: 110A; 100kW: 138A; 120kW: 165A	140kW: 181A; 160kW: 207A; 180kW: 230A; 200kW: 260A; 220kW: 285A; 240kW: 310A
INPUT VOLTAGE RANGE	480 V AC - 15 % to +10 % @ 60 Hz	
DC OUTPUT VOLTAGE	CCS1: 150 to 950 V DC; NACS: 150 to 950 V DC	
NETWORK TYPE	TN-S, TN-C, TN-C-S, & TT (External RCD** Required)	
AC INPUT CONNECTION	3P + PE (No Neutral)	
PROTECTION	Over-Current, Over-Voltage, Under-Voltage, Ground-Fault, Over-Temperature, Short-Circuit, Insulation Monitor (IMD), & Surge Protection	
OVERVOLTAGE CATEGORY	AC Side (Input) OVC: III	
POWER FACTOR (> 50 % LOAD)	≥ 0.98	
THDI (> 50 % LOAD)	≤ 5 %	
PEAK EFFICIENCY	≥ 96 %	
STANDBY POWER	80 W	
SHORT CIRCUIT CURRENT RATING	≥ 65 kA	
ENERGY METERING	Class A	

USER INTERFACE & COMMUNICATION

CONNECTIVITY	Internet Access Via 4G / Wi-Fi / Ethernet (RJ 45)
USER AUTHENTICATION	QR Code, RFID, Credit Card (Optional)
ISO 15118 PLUG & CHARGE	Yes
DIN 70121	Yes
INTERFACE	27" LCD High-Contrast Touchscreen (15.6" Optional)
ACCESSIBLE FOR WHEELCHAIR USERS	Yes
COMMUNICATIONS PROTOCOLS	OCPP 1.6 JSON, OCPP 2.0.1 (Can Be Upgraded Later)
RFID READER	ISO 14443 A+B to Part 4 & ISO/IEC 15693, Mifare, NFC, Calypso, Ultralight, PayPass, HID & More
EMERGENCY BUTTON	Yes
SOFTWARE UPDATE	OTA Update Via Web Portal
CONTROL AND CONFIGURATION	Web Portal, On-Board Service Portal

GENERAL CHARACTERISTICS

PROTECTION RATINGS	NEMA 3R Outdoor Use & IK-10
ENCLOSURE TYPE	Stainless Steel 430
OPERATION ALTITUDE	6561 Ft. (6561 to 9843 Ft. with Power Derating)
OPERATING TEMPERATURE	-31 °F to +131 °F (+122 °F to +131 °F with Linear Power Derating)
STORAGE TEMPERATURE	-40 °F to +158 °F
HUMIDITY	< 95 % RH, Non-Condensing
NOISE LEVEL	< 65 dB @1 m/25 °/Full Load/800 VDC
MOUNTING	Free-Standing Cabinet
CABLE LENGTH	15 ft (Optional: 20 or 25 ft)
DIMENSIONS (H X W X D)	76.8 x 32.3 x 23.6 In. (1950 x 820 x 600 mm) 76.8 x 32.3 x 27.6 In. (1950 x 820 x 700 mm)

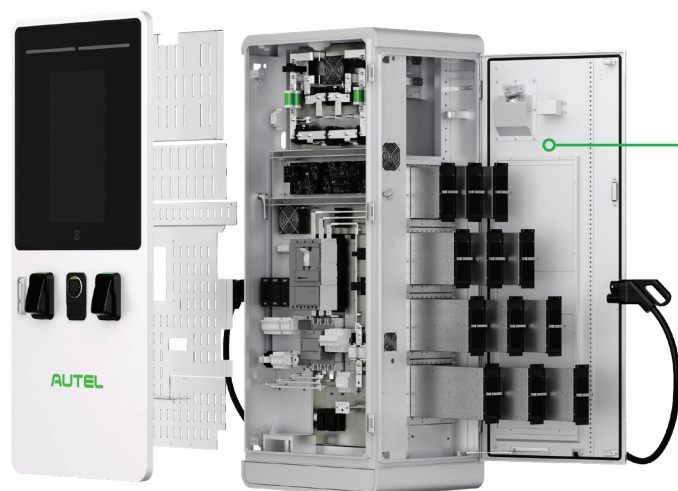
CERTIFICATIONS & STANDARDS

COMPLIANCE & SAFETY	UL 2202, UL 2231-1, UL 2231-2, NEC Article 625, CSA C22.2 No. 107.1-16
EMC COMPLIANCE	FCC Part 15 Class A, Class B (Optional)
WARRANTY	24 Months with Warranty Extensions Available



* CCS1 Max 200A, CCS1 Boost 300A (Max 400A) ** RCD: Residual Current Detector For Ground Fault Protection

MAXICHARGER™ DCFAST



THE MOST FLEXIBLE LEVEL 3 CHARGER

When you need power now, this future-ready innovative design delivers up to 240kW and is perfect for fleet applications and highways service centers. Faster charging means less time waiting and an enhanced user experience. The MaxiCharger DC Fast is the unrivaled EV charger solution for people and business where time is the most value asset.

CHARGER INFO

PRODUCT DESCRIPTION	PART. NUMBER	MEASUREMENTS (IN.)		WEIGHT (LB.)		NO. OF POWER MODULES (PM)	PM 35.5 PER	ENCLOSURE W/PM	ENCLOSURE W/PACKAGING
		PRODUCT (LxWxH)	PACKAGING (LxWxH)	PACKAGING	ENCLOSURE				
60kW UL Dual Port DC AIO	UF060A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	3	105.9	1142.9+22	1146.4+22
80kW UL Dual Port DC AIO	UF080A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	4	141.2	1177.2+22	1146.4+22
100kW UL Dual Port DC AIO	UF100A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	5	176.5	1212.5+22	1146.4+22
120kW UL Dual Port DC AIO	UF120A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	6	211.8	1247.8+22	1146.4+22
140kW UL Dual Port DC AIO	UF140A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	7	247.1	1283.1+22	1146.4+22
160kW UL Dual Port DC AIO	UF160A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	8	282.4	1318.4+22	1146.4+22
180kW UL Dual Port DC AIO	UF180A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	9	317.7	1353.7+22	1146.4+22
200kW UL Dual Port DC AIO	UF200A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	10	353	1389+22	1146.4+22
220kW UL Dual Port DC AIO	UF220A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	11	388.3	1424.3+22	1146.4+22
240kW UL Dual Port DC AIO	UF240A4001	32.3 × 29.5 × 74.8	47.2 × 40.2 × 84.6	110.2	1036+22	12	423.6	1459.6+22	1146.4+22
60kW UL Dual Port DC AIO (S)	UF060A3001	32.3 × 25.6 × 74.8	47.2 × 40.2 × 84.6	110.2	926+22	3	105.9	1031.9+22	1036.2+22
80kW UL Dual Port DC AIO (S)	UF080A3001	32.3 × 25.6 × 74.8	47.2 × 40.2 × 84.6	110.2	926+22	4	141.2	1067.2+22	1036.2+22
100kW UL Dual Port DC AIO (S)	UF100A3001	32.3 × 25.6 × 74.8	47.2 × 40.2 × 84.6	110.2	926+22	5	176.5	1102.5+22	1036.2+22
120kW UL Dual Port DC AIO (S)	UF120A3001	32.3 × 25.6 × 74.8	47.2 × 40.2 × 84.6	110.2	926+22	6	211.8	1137.8+22	1036.2+22