

MAXICHARGER™

DC FAST 60KW-240KW WITH 20KW INCREMENTS

SPECIFICATIONS



- FLEXIBLE POWER MODULE DESIGN
- MULTIPLE CABLE & CHARGING CONNECTOR OPTIONS
- 27-INCH TOUCHSCREEN DISPLAY
- SMART CLOUD PORTAL WITH REMOTE DIAGNOSTICS
- DYNAMIC LOAD BALANCING
- ISO 15118 PLUG & CHARGE

SPECIFICATIONS MAXICHARGER 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 + CHAdeMO	Dual CCS1/CCS1 Boost, or CCS1 + CHAdeMO
MAX. INPUT AC CURRENT	60kW: 91A; 80kW: 122A; 100kW: 152A; 120kW: 182A	140kW: 213A; 160kW: 245A; 180kW: 270A; 200kW: 305A; 220kW: 335A; 240kW: 365A
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; CHAdeMO: 150 to 500 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)

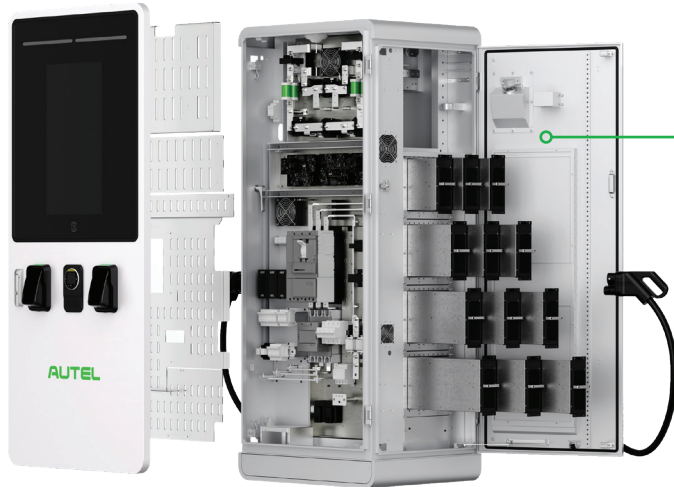
CERTIFICATIONS & STANDARDS

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

MEASUREMENTS (IN.)

WEIGHT (LB.)

PRODUCT DESCRIPTION	PART NUMBER	PRODUCT (LxWxH)	PACKAGING (LxWxH)	PACKAGING		NO. OF POWER MODULES (PM)	PM 35.5 PER	ENCLOSURE W/PM	ENCLOSURE W/PACKAGING
				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

AUTEL® Powering the Planet