

**MAXICHARGER™**  
**DC FAST 60KW-240KW** WITH 20KW INCREMENTS



# 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