

# MAXICHARGER™

## DC FAST 60KW-240KW WITH 20KW INCREMENTS

### SPECIFICATIONS



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SCAN TO CONNECT

- 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;<br>100kW: 152A; 120kW: 182A   | 140kW: 213A; 160kW: 245A; 180kW: 270A;<br>200kW: 305A; 220kW: 335A; 240kW: 365A |
| NOMINAL INPUT AC CURRENT     | 60kW: 83A; 80kW: 110A;<br>100kW: 138A; 120kW: 165A   | 140kW: 181A; 160kW: 207A; 180kW: 230A;<br>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