

## MotionFast DC Charging Station

60/90/120/150/180kW  
\*with ACE30kW power module

MF stand-alone DC charging station has a maximum output of 180kW for quick and flexible charging. The LIVOLTEK stand-alone fast charging station features two DC outputs and can be configured with CCS2 plugs. It also includes an intelligent cable management system.

CCS2

### Product Benefits

- Future-proof design via open standards, OCPP 1.6J support remote update to OCPP2.0.1 protocol.
- CE and RoHS certification, suitable for all European countries need
- Interaction via 10.1" color touch display
- Multi user authorization with RFID, APP

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CHARGING STATION

Model	Motion Fast DC Charging Station
<b>Input/Output Data</b>	
Rated Power	60/90/120/150/180 kW
AC Connection	3P+N+PE
AC Input Voltage	400 Vac ± 10%
Rated Frequency	50/60 Hz
Power Factor	≥0.99 at nominal load
Output Voltage Range	150 ~ 1000Vdc
Output Current	300 A
Peak Efficiency	≥96%
<b>Basic Features</b>	
Environment of use	Indoor / Outdoor
User Authorization	RFID (ISO 14443 A/B), APP
Working Noise	≤ 65dB (Nominal Load, Measured at 1m from the front of the charger)
Operating Temperature	-30°C ~ +55°C
Storage Temperature	-30°C ~ +70°C
Working Humidity	5% ~ 95% RH
Working Altitude	≤ 2000 m
IP / IK Degree	IP55 / IK10
Cooling	Force Fan Cooling
Dimension(W*H*D)	750*1850*625 mm (with cable management system)
Weight	≤ 380kg
Length of Charging Cable	5m / 7m
Standard Warranty	2 years, extend +1 year / +2 years
<b>Other Features</b>	
Connectivity	4G / Ethernet
External Communication	RS485 / RS232 / CAN
Communication Protocol	OCPP 1.6J, support update to OCPP 2.0.1
User Interface	10.1" Touch Screen, Charging LED indicators
<b>Protection</b>	
Multiple Protection	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Current Leakage Protection, Over Temperature Protection, Grounding Protection, Surge Protection, Short Circuit Protection, Fault Self-check, Soaking Protection, Smoke Alarm, Insulation Detection and other Multiple Protection Functions.
Leakage Current Protection	Type A RCD
<b>Standards</b>	
Safety	IEC 61851-1, IEC-61851-23, IEC-61851-24, IEC 62196-1, IEC 62196-3, 2014/35/EU
EMC	IEC 61851-21-2 Class A, 2014/30/EU
RED	2014/53/EU
RoHS	2015/863/EU, 2011/65/EU
Communication	DIN 70121, ISO 15118-1, ISO 15118-2, ISO 15118-3
Other	Modem 4G complies with CE/RED, Meter complies with 2014/32/EU

CE UK RoHS MID