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Product appearance and specifications are subject to final delivery. Livoltek reserves the right of final interpretation.

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

MotionFast DC Charging Station

CHARGING STATION

60/90/120/150/180kW

Model	Motion Fast DC Charging Station
Input/Output Data	
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 norminal load
Output Voltage Range	150 ~ 1000Vdc
Output Current	300 A
Peak Efficiency	≥96%
Basic Features	
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
Other Features	
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
Protection	
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
Standards	
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 UKCA RoHS MID

LIVOLTEK

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MotionFast DC Charging Station

80/120/160/200/240kW
*with ACE40kW power module

MF stand-alone DC charging station has a maximum output of 240kW 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

MotionFast DC Charging Station

CHARGING STATION

80/120/160/200/240kW

Model	Motion Fast DC Charging Station
Input/Output Data	
Rated Power	80/120/160/200/240 kW
AC Connection	3P+N+PE
AC Input Voltage	400 Vac ± 10%
Rated Frequency	50/60 Hz
Power Factor	≥0.99 at norminal load
Output Voltage Range	150 ~ 1000Vdc
Output Current	300 A
Peak Efficiency	≥96%
Basic Features	
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
Other Features	
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
Protection	
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
Standards	
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 UKCA RoHS MID