

MOTIONFAST DC CHARGING STATION

82kw (60kw DC + 22kw AC)

MF stand-alone DC charging station, maximum 82kW output for quick and flexible charging. LIVOLTEK stand-alone fast charging station integrated with two DC output and one optionl AC output, can be flexible configure with Type2, CCS2 plugs and AC connectors. It has intelligent cable management system for effortless pick-up. It complies with all IEC standards for off-board electric vehicle charging systems, including IEC 61851-21-2 EMC requirement and IEC 61851-24 digital communication control.



Product Benefits

- Future-proof design via open standards, OCPP 1.6J support remote update to OCPP2.0.1 protocol.
- CE, UKCA and RoHS certification, suitable for all European countries need
- Interaction via 10“color touch display
- Multi User Authorization with RFID, APP, customized NFC payment
- Load management & real-time demand response ready with Livoltek EV Charging Control Hub



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CHARGING STATION

Model	M0821000E2NY
Product Name	Fast Charge Station
Input/Output Data	
Rated Power	82kw (60KW DC + 22kw AC)
AC Connection	3P+N+PE
AC Input Voltage	380 Vac ± 15%
AC Input MaxCurrent	128A(Max)
Rated Frequency	50/60Hz
Power Factor	≥0.99 at nominal load
THD	≤5% (50%~100% load)
Output Voltage Range	150~1000Vdc
Output Constant Power	300~1000Vdc
Output Current	CCS2: 200A(Max), Type2(32A Max)
Peak Efficiency	≥95% (20~100% Load)
Basic Features	
Environment of use	Indoor / Outdoor
User Authorization	RFID (ISO 14443 A/B), APP, Contactless NFC Customized
Working Noise	≤ 65dB (Nominal Load, measured at 1m from the front of the charger)
Operating Temperature	-30°C ~ +50°C
Storage Temperature	-30°C ~ +70°C
Working Humidity	5%~95% RH
Working Altitude	≤2000m
IP / IK Degree	IP54 / IK10
Cooling	Force Fan Cooling
Dimension(W*H*D)	750*1750*575 mm(Version with a top cover)
Energy Management	Not Support
Net Weight / Gross Weight	≤ 230kg
Standby Power Consumption	≤ 70 W
Length of Charging Cable	5m
Standard Warranty	2 years, extend + 1 year / + 2 years
Other Features	
Firmware Upgrade	Local (USB) / OTA
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
Other Features	
Multiple Protection	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Over Temperature Protection, Grounding Protection, Surge Protection, Short Circuit Protection, Fault Self-check, Insulation Detection
Leakage Current Protection	TypeA RCD 30mA for auxiliary supply;TypeB RCD 30mA for Type2 AC socket ;TypeA RCD integrated MCCB
Standards	
Safety	IEC 61851-1, IEC-61851-23,
EMC	IEC 61851-21-2 Class B
Communication	IEC 61851-24, DIN 70121, ISO/IEC 15118