

MOTION COMPACT DC WALLBOX

MC 15/20/30/40/60KW

LIVOLTEK Motion Compact Series DC Wallbox (MC series) is easy to install with compact design, provides a larger and more constant charging current than AC wallbox. More universal, more efficient, adding to client's loyalty with EV charging for your business.

CCS1 CCS2

Product Benefits

- Compact DC wallbox design, easy to install, less space requirement .
- Connect any backend based on OCPP 1.6J
- Pedestal & wall mounted selestable
- Charging cable management system selectable
- POS terminal selectable



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DC CHARGER

Model	Motion Compact DC Wallbox				
Charging					
Charging Mode	Mode4 EV Chagring				
Rate Output Power	15kW	20kW	30kW	40kW	60kW
Max Output Current	15kW	20kW	30kW	40kW	60kW
Output Voltage	150 - 1000Vd.c				
Max Output Current	50A	65A	100A	133A	150A or 200A customized
Number of Outputs	1 connector			1 or 2 connector	
Connector Type	CCS2			CCS2/CCS2 + CCS2/CCS2 + CCS1	
Peak Efficiency	≥97%				
AC Input					
Earthing System	TN-C TN-S TN-C-S TT				
Input Voltage	400V _{a.c.} ± 10% (3P+N+PE)				
Input Frenquency	50 / 60Hz				
AC.Rated Input Current	24A	32A	48A	64A	96A
AC.Max Input Current.	27A	36A	54A	71A	108A
Power Factor	≥0.99 (@full load)				
THDi	< 5% (@ full load)				
Min. connection cross-section	16mm ²			35mm ²	
User Interface					
Status Indication	RGB LED, 10.1" touch screen				
Connectivity	4G, Ethernet 10/100Base-Tx;				
Communication Protocols	OCPP 1.6J				
User Authentication	APP, RFID card, Credit card (Payter Apollo)				
Features					
SPD	SPD II				
RCD	Type A RCD				
OVC.Category	OVC III				
Multiple Protection	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Current Leakage Protection, OverTemperature Protection, Grounding Protection, Surge Protection, Short Circuit Protection, Fault Self-check, Insulation Detection and Other Multiple Protection Functions.				
Environmentat Noise	< 70dB @1m, 25°C				
Environmental					
Operating Temperature	-30°C ~ +55°C (Derating @50°C)				
Storage Tmeperature	-40°C ~ +70°C				
Operating Altitude	≤ 2000m				
Humidity	5% - 95% relative				
Mechanical					
IP & IK Rating/IP & IK	IP55; IK10				
Casing	SGCC				
Charing Cable Length	5m Standard (including connector); 7m Customized				
Type of installation	Wall mounting or Pole mounting				
Weight	charger: ≤80kg		≤110kg		
	Pole: ≤30kg(excluding cable management system)				
Dimensions(WxHxD)	charger: 650 x 800 x 260mm pole: 370 x 722 x 330mm (excluding cable management system)				
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				

