LIVOLTEK

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

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

MOTION Compact DC Wallbox

DC CHARGER

MC 15/20/30/40/60kW

Model	Motion Compact DC Wallbox				
Charging					
Charging Mode	Mode4 EV Chagring				
Rate Output Power	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	400Va.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	16mm²			35mm²	
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				

CE CB RoHS