

## MOTION COMPACT DC WALLBOX

MC 15/20/30/40/60

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.



### Product Benefits

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

## MOTION COMPACT DC WALLBOX

DC CHARGER

MC 15/20/30/40/60

Model	MC15	MC20	MC30	MC40	MC60
<b>Charging</b>					
Charging Mode	Mode4 EV Charging				
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	≥96%				
<b>AC Input</b>					
Earthing System	TN-C   TN-S   TN-C-S   TT				
Input Voltage	400V a.c. ± 10% (3P+N+PE)				
Input Frequency	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	
<b>User Interface</b>					
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)				
<b>Features</b>					
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.				
KWH-METER	MID compatible METER				
Environmentat Noise	< 70dB @1m, 25°C				
<b>Environmental</b>					
Operating Temperature	-30°C ~ +55°C (Derating @50°C)				
Storage Tmperature	-40°C ~ +70°C				
Operating Altitude	≤ 2000m				
Humidity	5% - 95% relative				
<b>Mechanical</b>					
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				
Dimensions(WxHxD)	650mm x 800mm x 260mm (pole:370mmx722mmx330mm) (excluding cable management system)				