

ATMOCE

Data Sheet

M-EV Charger

MEV-7K-S / MEV-11K-T / MEV-22K-T



Key Features

Reliability

- 15-year lifespan
- IK10 impact protection
- IP65 weatherproof

Safety

- 30mA Type A & 6mA DC leakage protection
- Cybersecurity protection
- Reinforced insulation for improved safety

Smart

- Scheduled charging
- Green power priority
- Dynamic load balancing
- Flexible charging modes: plug and play / RFID / APP / bluetooth

Efficiency

- Rapid installation & instant startup for seamless deployment
- Seamless PV-storage-EV integration for higher self-consumption rate

Scalability

- Supports wall and pole mounting



Model	Unit	MEV-7K-S	MEV-11K-T	MEV-22K-T
Electrical Specification				
Grid Setup		1P+N+PE	3P+N+PE	3P+N+PE
Nominal Voltage	V AC	220 / 230 / 240	380 / 400 / 415	380 / 400 / 415
Operating Voltage Range	V AC	184 to 276	320 to 480	320 to 480
Nominal Current	A	32	16	32
Nominal Frequency	Hz		50 / 60	
Nominal Power	kW	7	11	22
Power Consumption	W	≤ 5	≤ 5	≤ 8
AC Surge Protection			Type 2	
Power Measurement Accuracy			2%	
Mechanical Specification				
Colour			White	
Dimension (H x W x D)	mm	365 x 201 x 99.5		374 x 226 x 164
Weight	kg	3.3		5.8
Operating Temperature	°C		-30 to + 50	
Operating Humidity			5% to 95%	
Operating Altitude	m		≤ 2000	
RCD			30 mA Type A + 6 mA DC	
Impact Protection			IK10	
Ingress Protection			IP65	
Charge Connector			Type 2 Cable	
Enclosure Material			PC	
Installation			Wall-mount / Pole-mount (Optional)	
Electrical Protection		Overcurrent protection Residual current protection Ground protection Surge protection Over voltage protection Under voltage protection Over frequency protection Under frequency protection Over temperature protection		
Interactive Interface				
LED Indicator			Green / Yellow / Red	
RFID Reader		Mifare Classic ISO/IEC 14443-A DESFire Duox ISO/IEC 14443-A (Optional) FeliCa JIS X 6319-4 (Optional)		
Start Mode		Plug to Charge RFID card App		
Communication				
Interface		Wi-Fi Ethernet Bluetooth		
OCPP		OCPP 1.6 Json OCPP 2.0.1 J (Upgradable)		
Compliance				
Certification		CE CB RoHS Reach EN 18031-1		
EMC		EN IEC 62311:2020 EN 300 328 V2.2.2:2019 EN 300 330 V2.1.1:2017 EN 301 489-1 V2.2.3:2019 EN 301 489-3 V2.1.1:2019 EN 301 489-17 V3.2.4:2020 EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2021 EN IEC 61851-21-2:2021		
Safety		EN IEC 61851-1:2019		