

AMO LV Mobile Power

AMOSOLAR mobile power battery

AMO 5.1-15.5K_LV-M1

PERFORMANCE SPECIFICATIONS

Model	AMO 5.1K_LV-M1	AMO 10.5K_LV-M1	AMO 14.3K_LV-M1	AMO 15.5K_LV-M1
Battery Type	LiFePO4(LFP)	LiFePO4(LFP)	LiFePO4(LFP)	LiFePO4(LFP)
Nominal Voltage	51.2V			
Capacity(Ah)	100AH	205AH	280AH	304AH
Rated Energy (KWH)	5.1KWH	10.5KWH	14.3KWH	15.5KWH
Usable Energy(KWH)	4.1KWH	8.4KWH	11.4KWH	12.4KWH
Max.Charge/Discharge Current(A)	100A/100A	100A/100A	100A/100A	150A/200A
Voltage Range (Vdc)	43.2-57.6V	43.2-57.6V	43.2-57.6V	43.2-57.6V
Scalability	Up to 6~8 parallel			
Cycle Life	>6000 Cycles @25℃,0.5C,80%DOD, 70%EOL			
Warranty	5 Years (25℃)			
Design Life	10+ Years (25℃/77F)			

MECHANICAL SPECIFICATIONS

Net Weight(Approx) (KG)	55kg	92kg	115kg	115kg
Dimension(mm) (226 Including hanger)	612*370*190mm	622*520*221mm	780*500*240mm	780*500*240mm
Case material	Metal	Metal	Metal	Metal
Case type	Mobile Power			
IPGrade	IP20			

COMMUNICATION

Protocol(Optional)	CANBus/RS485/RS232
Monitorings	Bluetooth/WLAN Optional

CERTIFICATES

Pack	UN38.3,MSDS
Cell	UN38.3,MSDS,IEC62619, CE, UL1973,UL2054

ENVIRONMENTAL SPECIFICATIONS

Charge temperature	0℃ to 55℃@60+25% Relative Humidity
Discharge temperature	-20℃ to 55℃@60+25% Relative Humidity
Storage temperature	-20℃ to 55℃@60+25% Relative Humidity



- ◆ AS51100
- ◆ AS51205
- ◆ AS51280
- ◆ AS51304



Intelligent Each Battery With Independent BMS System



Easy to install Plug And Play To Minimize The Installation Time



Perfect Compatible With Most of The Available Inverters



Long life & safety Ensures ≥ 6000 Cycles With 80% DOD

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