

AMO LV Mobile Power

AMOSOLAR mobile power battery

AMO 7.2-16.1K_LV-M5



◆ AS25280 ◆ AS25314
◆ AS51205 ◆ AS51314



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

PERFORMANCE SPECIFICATIONS

Model	AMO 7.2K_LV-M5	AMO 8K_LV-M5	AMO 14.3K_LV-M5	AMO 16.1K_LV-M5
Battery Type	LiFePO4(LFP)	LiFePO4(LFP)	LiFePO4(LFP)	LiFePO4(LFP)
Nominal Voltage	25.6V	25.6V	51.2V	51.2V
Capacity(Ah)	280AH	314AH	280AH	314AH
Rated Energy (KWH)	7.2KWH	8KWH	14.3KWH	16.1KWH
Usable Energy(KWH)	5.8KWH	6.4KWH	11.4KWH	12.9KWH
Max.Charge/Discharge Current(A)	140A/280A	157A314A	140A/200A	157A/200A
Voltage Range (Vdc)	22.4-28.8V	22.4-28.8V	44.8-57.6V	44.8-57.6V
Scalability	Up to 6~8 parallel			
Cycle Life	>6000 Cycles @25 °C ,0.5C,80%DOD, 70%EOL			
Warranty	5 Years (25 °C)			
Design Life	10+ Years (25 °C /77F)			

MECHANICAL SPECIFICATIONS

Net Weight(Approx) (KG)	65kg	92kg	113kg	113kg
Dimension(mm) (226 Including hanger)	784*260*324mm	784*260*324mm	761*631*260mm	761*631*260mm
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 °C to 55°C@60+25% Relative Humidity
Discharge temperature	-20C to 55°C@60+25% Relative Humidity
Storage temperature	-20°C to 55°C@60+25% Relative Humidity

✉ info@amo-solar.com

🌐 www.amosolarpv.com

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