

AMO LV Stack Mount

AMOSOLAR Battery Module

AMO 10-30K_LV-S1

SPECIFICATION

Model	AMO 10K_LV-S1	AMO15K_LV-S1	AMO 20K_LV-S1	AMO 25K_LV-S1	AMO 30K_LV-S1
Battery Module	AMO4.8/5.12K HV-S1 (48/51.2V100Ah,49kg)				
Number of Modules	2	3	4	5	6
Rated Energy (KWH)	10KWh	15KWh	20KWh	25KWh	30KWh
Capacity(Ah)	200Ah	300Ah	400Ah	500Ah	600Ah
Nominal Voltage	48V/51.2V				
Internal Resistance	≤60mΩ				
Charge Cut-off Voltage	53V±0.5V(15S);56V±0.5V(16S)				
Discharge Cut-off Voltage	45V±1.0V(15S);48V±1.0V(16S)				
Dimensions(mm)	593*480*386	593*480*579	593*480*772	593*480*965	593*480*1158
Weight	110kg	165kg	230kg	285kg	340kg
IP Grade	IP20				
Cycle Life	>6000 Cycles @25℃,0.5C,80%DOD, 70%EOL				
Max.Continuous Work Current	200A	300A	400A	500A	600A
Charge Temperature	0℃~55℃				
Discharge Temperature	-20℃~55℃				
Storage Temperature	-40℃~55℃ @ 60%+25% relative humidity				
Communication	RS232-PC, RS485(B)-PC, RS485(A)-Inverter, Canbus-Inverter				
Batteries in parallel	Support up to 15 batteries in parallel				
Certification	UN38.3,MSDS,UL1973(Cell),IEC62619(Cell)				
Warranty	5 Years				
Design Life	10+Years (25℃/77F)				



4U Standard Rack-Mount Battery Design



No Need For Traditional Cabinet, Easy To Install



Multiple Protection LiFePO4 Material, Safe And Long Life



Support a Variety of Communications Compatible With Multiple Inverters



Products Cover 10-30KWH Capacity Segment



The Product Supports Parallel Connection and Expansion

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