

AMO LV Stack Mount

AMOSOLAR Battery Module

AMO 10K_LV-S1/AMO15K_LV-S1/AMO 20K_LV-S1/AMO 25K_LV-S1/AMO30K_LV-S1

SPECIFICATION

Model	AMO 10K_LV-S1	AMO15K_LV-S1	AMO 20K_LV-S1	AMO 25K_LV-S1	AMO 30K_LV-S1
Nominal Voltage	48V/51.2V				
Capacity	200Ah	300Ah	400Ah	500Ah	600Ah
Energy	10KWh	15KWh	20KWh	25KWh	30KWh
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
Cycle Life	> 6000 Cycles @25℃ , 0.5C, 80%DOD, 60%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)				

* Text and images correspond to the current state of technology at the time of printing. Subject to modifications. All information is without guarantee in spite of careful editing-liability excluded.



4U Standard Rack-Mount Battery Design



Multiple Protection LiFePO4 Material, Safe And Long Life



Products Cover 10-30KWH Capacity Segment



No Need For Traditional Cabinet, Easy To Install



Support a Variety of Communications Compatible With Multiple Inverters



The Product Supports Parallel Connection and Expansion