

AMO LV Stack Mount



4U Standard Rack-Mount Battery Design



Multiple Protection LiFePO4 Material, Safe And Long Life



Products Cover 30-80KWH 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

SPECIFICATION

Model	AMO 30K_LV-S1	AMO 40K_LV-S1	AMO 50K_LV-S1	AMO 60K_LV-S1	AMO 70K_LV-S1	AMO 80K_LV-S1
Battery Module	AMO4.8/5.12K HV-S1 (48/51.2V200Ah,48kg)					
Number of Modules	3	4	5	6	7	8
Rated Energy (KWH)	30KWh	40KWh	50KWh	60KWh	70KWh	80KWh
Capacity(Ah)	600Ah	800Ah	1000Ah	1200Ah	1400Ah	1600Ah
Nominal Voltage	48V/51.2V					
Internal Resistance	≤60mΩ					
Charge Cut-off Voltage	54V±0.5V(15S);57.6V±0.5V(16S)					
Discharge Cut-off Voltage	42V±1.0V(15S);44.8V±1.0V(16S)					
Dimensions(mm)	593*680*579	593*680*772	593*680*965	593*680*1158	593*680*1351	593*680*1544
Weight	350kg	460kg	570kg	680kg	780kg	900kg
IP Grade	IP20					
Cycle Life	>6000 Cycles @25℃,0.5C,80%DOD, 70%EOL					
Max.Continuous Work Current	300A	400A	500A	600A	700A	800A
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),EC62619(Cell)					
Warranty	5 Years					
Design Life	10+Years (25℃/77F)					

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