

AMO HV Rack Mount



PERFORMANCE SPECIFICATIONS

Model	AMO144.69K_HV-S5	AMO192.92K_HV-S5	AMO225.08K_HV-S5
Battery Module	AMO16.07K_HV-S5(51.2V314Ah,136kg)		
Number of Modules	9	12	14
Rated Energy (KWH)	144.69	192.92	225.08
Nominal Voltage	460.8	614.4	716.8
capacity(Ah)	314Ah		
Max. Charge Discharge Current(A)	157/200A		
Scalability	12 clusters in parallel (a third-level BMS when exceeding 4 clusters)		
Communication	RS485(B)-BAT/RS485(A)-PC/Canbus-Inverter		
Cycle Life	>6000 Cycles @25℃,0.5C,80%DOD, 70%EOL		
Charge Temperature	0℃~55℃		
Discharge Temperature	-20℃~55℃		
Storage Temperature	-40℃~55℃ @ 60%+25% relative humidity		
Installation Mode	Rack Mounting		
IP Grade	IP20		
Safety(Pack)	UN38.3,MSDS		
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054		
Protection	BMS, Breaker		
Altitude (m)	≤2000		
Humidity	5~85%RH Humidity		
Warranty	5 Years(25℃)		
Design Life	10+Years (25℃/77F)		



Customized rack or Cabinet design



Easy to Expand
Single Cluster Capacity Max. 257kWh



High security
LFP+BMS+Pack fire protection



Hight Voltafe Range
PCS system suitable for 1000V platform



Multiple Application
Meet all application scenarios in
the industrial and commercial fields

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