



AMO HV Rack Mount

PERFORMANCE SPECIFICATIONS

Model	AMO 180.86K_HV-S1	AMO 200.96K_HV-S1	AMO 221.06K_HV-S1	AMO 241.15K_HV-S1	AMO 261.65K_HV-S1
Battery Module	AMO20.096K_HV-S1(64V314Ah)				
Number of Modules	9	10	11	12	13
Rated Energy (KWH)	180.86	200.96	221.06	241.15	261.65
Nominal Voltage	576	640	704	768	832
capacity(Ah)	314Ah				
Max. Charge Discharge Current(A)	140				
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				
Weight(Approx) (KG)	574kg	1242kg	1395kg	1510kg	1780kg
Dimension (W/D/H)(mm)	1100*937*1450	1100*937*1710	1100*937*1710	1100*937*1960	1100*937*1960
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. 261kWh



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

*Text and images correspond to the current state of technology at the time of printing. Subject to modifications.
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