

AMO HV Rack Mount



Flexible Configuration



Safe and Reliable



Eco-Friendly The whole module is non-toxic, non-polluting and environmentally friendly.



Quick installation, standard of 19-inch embedded designed module is comfortable for instalationand maintenance.



Intelligent BMS
It has protection functions including over-discharge, over-charge

PERFORMANCE SPECIFICATIONS

Model	AMO 86K_HV-S1	AMO 100.4K_HV-S1	AMO 114.8K_HV-S1	AMO 129.1K_HV-S1	AMO 143.4K_HV-S1
Battery Module	AMO14.34K_HV-S1 (51.2V280Ah,136kg)				
Number of Modules	6	7	8	9	10
Rated Energy (KWH)	86	100.4	114.8	129.1	143.4
Nominal Voltage	307.2	358.4	409.6	460.4	512
capacity(Ah)	280Ah				
Max. Charge Discharge Current(A)	140A				
Scalability	Up to 4 parallel				
Communication	RS485(B)-BAT/RS485(A)-PC/Canbus-Inverter				
Cycle Life	>6000 Cycles @25℃,0.5C,80%DOD, 70%EOL				
Weight(Approx) (KG)	850kg	1000kg	1110kg	1450kg	1400kg
Dimension (W/D/H)(mm)	550*776*1985	550*776*2250	550*780*1450	555*776*1700	550*780*1690
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)				

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