



AMO HV Rack Mount

PERFORMANCE SPECIFICATIONS

Model	AMO 20.48K_HV-S5	AMO 25.60K_HV-S5	AMO 30.72K_HV-S5	AMO 35.84K_HV-S5	AMO 40.96K_HV-S5	AMO 46.08K_HV-S5	AMO 51.20K_HV-S5
Battery Module	AMO5.12K_HV-S5(51.2V100Ah,48kg)						
Number of Modules	4	5	6	7	8	9	10
Rated Energy (KWH)	20.48	25.60	30.72	35.84	40.96	46.08	51.20
Nominal Voltage	204.8V	256V	307.2V	358.4V	409.6V	460.8V	512V
Capacity(Ah)	100AH						
Max. Charge Discharge Current(A)	100A						
Scalability	12 clusters in parallel (a third-level BMS when exceeding 4 clusters)						
Communication	CAN2.0/RS485/WIFI						
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						
Working Temperature(℃)	Charge: 0℃-55℃; Discharge: -20℃-55℃						
Altitude (m)	≤2000						
Humidity	5~85%RH Humidity						
Warranty	5 Years(25℃)						
Design Life	10+Years (25℃/77F)						



Flexible Configuration



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



Safe and Reliable



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



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

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