

AMO HV Rack Mount



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.

PERFORMANCE SPECIFICATIONS

Model	AMO 20.48K_HV-S1	AMO 25.60K_HV-S1	AMO 30.72K_HV-S1	AMO 35.84K_HV-S1	AMO 40.96K_HV-S1	AMO 46.08K_HV-S1	AMO 51.20K_HV-S1
Battery Module	AMO5.12K_HV-S1 (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	Up to 4 parallel						
Communication	CAN2.0/RS485/WIFI						
Cycle Life	>6000 Cycles @25℃,0.5C,80%DOD, 70%EOL						
Weight(Approx) (KG)	217kg	265kg	313kg	361kg	409kg	457kg	505kg
Dimension (W/D/H) (mm)	600*600*1200	600*600*1400	600*600*1600	600*600*1800	600*600*2000	600*600*2200	600*600*2400
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)						

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