

# AMO STACK



**Expansion Flexibility** 5.12kWh modular design, support battery in parallel.



**Easy Installation** Rack-mounted installation, easy to grab.



**Safe & Reliable** Lithium Iron Phosphate(LFP), BMS built in.



**Perfect Compatibility** Compatible with both residential single & three phase inverters.



**Environment Adaptability** Wider temperature range: -10°C-55°C.IP52 protection calss.



**Long Lifespan** 10 years designed lifespan, more than 6000 cycles (0.5C,25°C).

## PERFORMANCE SPECIFICATIONS

Model	AMO 5K-S2
Nominal Voltage	51.2V
Capacity(Ah)	100AH
Rated Energy(KWH)/Module	5.12KWH
Usable Energy(KWH)/Module	4.61KWH
Max. Charge/Discharge Current(A)	50A/70A
Voltage Range(Vdc)	43.2-57.6V
Scalability	Max 8 in parallel
Communication	CAN.RS485
Cycle Life	6000@25°C,0.5C ,90%DOD
Weight( Approx) (KG)	43.8KG
Dimension(W/D/H)(mm)	520*474*150mm
Installation Mode	stack
IPGrade	IP52
Safety(Pack)	UN38.3.MSDS
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054
Protection	BMS, Breaker
Operating Temperature(°C)	Charge: 0C~+55°C ; Discharge: -10°C~+55°C
Altitude (m)	≤2000
Humidity	≤95%(No Condensing)
Warranty	5 Years(25°C)
Design Life	10 Years

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