

AMO Powerwall



PERFORMANCE SPECIFICATIONS

Model	AMO 5K-W2
Nominal Voltage	51.2V
Capacity(Ah)	100AH
Rated Energy(KWH)/Module	5.12KWH
Usable Energy(KWH)/Module	4.61KWH
Max. Charge/Discharge Current(A)	40A/75A
Voltage Range(Vdc)	45-57V
Scalability	Max 8 in parallel
Communication	CAN.RS485
Cycle Life	≥6000@25°C ,0.5C,90%DOD
Weight(Approx) (KG)	48.5kg
Dimension(W/D/H)(mm)	536.3*180.5*464mm
Installation Mode	Wall hanging
IPGrade	IP65
Safety(Pack)	UN38.3.MSDS
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054
Protection	BMS, Breaker
Operating Temperature(°C)	Charge: 0°C~+55°C ; Discharge:-10°C~+55C
Altitude (m)	≤2000
Humidity	≤95%(No Condensing)
Warranty	5 Years(25°C)
Design Life	10 Years

*Text and images correspond to the current state of technology at the time of printing. Subject to modifications. All information is without guarantee in spite of careful editing-liability excluded.

 **Expansion Flexibility** 5kWh modular design, support 1-8 battery in parallel.

 **Easy Installation** Wall mounted or floor mounted.

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

 **Perfect Compatibility** Compatible with most low voltage inverters in the market.

 **Environment Adaptability** Wider temperature range: -10°C-55°C.IP65 protection class.

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