

AMO Powerwall



Expansion Flexibility 10kWh modular design, support 1-8 battery in parallel.

Easy Installation Wall mounted or floor mounted.

Safe & Reliable Lithium Iron Phosphate(LFP). BMS fuse are 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)

PERFORMANCE SPECIFICATIONS

Model	AMO 10K-W2
Nominal Voltage	51.2V
Capacity(Ah)	204AH
Rated Energy(KWH)/Module	10.44KWH
Usable Energy(KWH)/Module	9.40KWH
Max. Charge/Discharge Current(A)	90A/140A
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)	96kg
Dimension(W/D/H)(mm)	586*197*790mm
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~+55°C
Altitude (m)	≤2000
Humidity	≤95%(No Condensing)
Warranty	5 Years(25°C)
Design Life	10 Years

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