WALL MOUNTED ENERGY STORAGE BATTERY

LFPWall-5000

5kWh



Product Advantages

- **Expansion Flexibility**
  5.12kWh modular design, support 1-8 battery in parallel.
- **Easy Installation**
  Wallmountedor floor mounted, saving installation time and cost.
- **Perfect Compatibility**
  Compatible with most low voltage inverters in the market.
- **Safe & Reliable**
  LithiumIronphosphate(LFP) cell only. BMS built in.
- **Environment Adaptability**
  Wider temperature range: -20°C~+55°C. IP65 protection class.
- **Long Lifespan**
  More than 15years designed lifespan, more than 6000 cycles (0.5C, 25°C)

Product Parameter

Rated Capacity	100Ah	Modules Connection	1-8 in parallel
Rated Energy	5.12kWh	Communication	CAN.RS485
Rated Voltage	51.2V	Cycle Life	⩾6000 @25°C,0.5C
Battery Voltage Range	45-57.6V	Working Temp Range	Charge: 0°C~+50°C Discharge: -10°C~+55°C
Max.Charging Current	45A	Storage Temperature	-20°C~+35°C
Max.Discharging Current	75A	Net Weight	48.5kg/106lb
Battery Type	LiFePO4	Gross Weight	52.5kg/115lb
Max.Output Power	3840W	Product Dimension(W*H*D)	536.3*464*180.5mm
DOD	90%	Package Dimension(W*H*D)	592*522*252mm

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Technical Specification

MODEL	LFPWall-5000			
PERFORMANCE SPECIFICATION				
Battery type	LiFePO4			
Total energy capacity (kWh)	5.12			
Battery modules voltage range (Single phase system) (V)	45-57			
Max.charging current (A)	45			
Max.discharging current (A)	75			
GENERAL DATA				
Weight (kg)	49.5			
Dimensions(L / W / D) (mm)	567*467*182			
Storage temp (°C)	-20 ~ +35			
Working temp charge (°C)	Charging: 0~+55, Discharging: -10~+55			
Max. operating altitude (m)	2000			
Cooling	Natural cooling			
Protection class	IP65			
Installation	Wall-mounted/Floor stand			
DOD	90%			
Cycle life	≥6000 @25°C 0.5C			
PARALLEL SPECIFICATION				
Parallel number	1	2	3	4
Total energy capacity (kWh)	5	10	15	20
Nominal charging power (kW)	2.30	4.61	6.91	9.22
Nominal discharging power (kW)	3.84	7.68	11.52	15.36
Total weight (kg)	48.5	97	146	194
STANDARD COMPLIANCE				
Certificates	UN38.3, IEC 62619, IEC 60730, IEC 61000-6-1/-6-3, RoHS, REACH, CEI 021			