



LFPWall- 5000

Low Voltage Energy Storage Battery



Scalable Flexibility

Modular 5.12kWh design, expand-able from 5kWh to 40kWh.



Installation & Maintenance

Wall- mounted design with one-touch power on/off. Optimized precharge algorithm.



Exceptional Compatibility

Supports CAN and RS485 commu-nication protocols, compatible with most inverters.



Multi-Layer Protection

Triple protection (cell, pack, system); 3-level overcurrent protection.



Environmental Adaptability

Ultra-wide temp range, self-heat-ing. IP65 & RoHS certified.Aerosol Fire Suppression System



High-efficiency Long-Life

6,000+ cycles;90% Depth of Discharge 15-year lifespan. ±3% SOC accuracy.

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)		48.5			
Dimensions(L / W / D) (mm)		568*468*166			
Storage temp (°C)		-20 ~ +35			
Working temp charge (°C)		Charging: 0~+55, Discharging: -20~+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			