



# LFPWall-5000

Low Voltage Energy Storage Battery



### Scalable Flexibility

Modular 5.12kWh design, expandable from 5kWh to 40kWh.



### Installation & Maintenance

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



### Exceptional Compatibility

Supports CAN and RS485 communication protocols, compatible with most inverters.



### Multi-Layer Protection

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



### Environmental Adaptability

Ultra-wide temp range, self-heating. 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			
<b>PERFORMANCE SPECIFICATION</b>					
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				
<b>GENERAL DATA</b>					
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				
<b>PARALLEL SPECIFICATION</b>					
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	
<b>STANDARD COMPLIANCE</b>					
Certificates	UN38.3, IEC 62619, IEC 60730, IEC 61000-6-1/-6-3, RoHS, REACH, CEI 021				