



## LFPWall- 10K-V2

Low Voltage Energy Storage Battery



### Expansion Flexibility

10.44kWh modular design supporting parallel connection up to 8 batteries.



### Safe & Reliable

Lithium Iron phosphate(LFP) cell only. BMS built in.



### Perfect Compatibility

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



### Easy Installation

Wall mounted or floor mounted, saving installation time and cost.



### Environmental Adaptability

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



### High-efficiency Long-Life

More than 15 years designed lifespan, more than 6000 cycles (0.5C, 25°C)

## Technical Specification

MODEL	LFPWall- 10K-V2			
<b>PERFORMANCE SPECIFICATION</b>				
Battery type	LiFePO4			
Total energy capacity (kWh)	10.44			
Battery modules voltage range (Single phase system) (V)	45- 57.6			
Max.charging current (A)	90			
Max.discharging current (A)	140			
<b>GENERAL DATA</b>				
Weight (kg)	96			
Dimensions( L / W / D ) (mm)	586*805*197			
Storage temp(°C)	- 20 ~ +35			
Working temp charge(°C)	Charge: 0 ~ +55 Discharge: -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)	10	20	30	40
Nominal charging power (kW)	4.61	9.22	13.82	18.43
Nominal discharging power (kW)	7.17	14.34	21.50	28.67
Total weight (kg)	96	192	288	384
<b>STANDARD COMPLIANCE</b>				
Certificates	EN/IEC 61000-6-1/-3, IEC 62619, IEC 61000, UN38.3, RoHS, REACH, CEI 021			