



**5/10/15kwh**  
**PowerWall**  
 Energy Storage Battery

## Features <<<

### ► Reliable

Tier-1 top brands' A-Grade LFP cells to ensure high safety and excellent performance  
 Over 8000 times cycle life  
 The adoption of high-performance processors, international brand devices, better stability

### ► Intelligent

Multi-level intelligent energy management implemented, enhance performance and extent life span  
 One-button switch mechanism, more convenient operation  
 High BMS compatibility, perfect match of energy storage inverter  
 Intelligent BMS to enable a safe and reliable operation

### ► Flexibility

6-pin Dip Switch ensures a maximum 16 units parallel arrangement  
 Over 95% world-famous inverter brands can be compatible with  
 Residential or small commercial, off-grid or hybrid, the battery goes with the application scenarios



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## 5/10/15KWh PowerWall < < <

Model Capacity	PM5ESS-LV	PM10ESS-LV	PM15ESS-LV
Battery type	LiFePo4		
Capacity Energy	5KWh	10KWh	15KWh
Capacity (Ah)	100Ah	200Ah	295Ah
Battery pack type	16S1P	16S1P	16S1P
Suggested SOC	10~100%		
Nominal Voltage	51.2V		
Operation Voltage	44.8~57.6V		
Max Charging/Discharging Current	50A	100A	150A
BMS	Robust multi point monitoring BMS pre installed		
Scalable (Parallel function)	Yes, maximum 16 packs		
Life Cycling (0.5C&25°C)	6000 cycles @ 0.5C; 80% DOD		
Operation Temperature	Chrage: 0~45°C, Dischrage: -20~45°C		
Warranty	5 years		
Storage Temperature	-10~55°C		
Net Weight	50kg	90kg	119kg
Gross Weight	62kg	102kg	135kg
Dimensions	645*385*165mm	715*415*290mm	813*415*290mm
Packing Size	725*460*360mm	790*490*450mm	865*490*450mm
Certifications	MSDS, UN38.3, CE, IEC62619 (Cell), UL (Cell)		
IP Grade	IP54		
Communication	RS232,RS485,CAN		

## Compatible Inverter Brands. < < <



victron energy  
BLUE POWER



GOODWE  
YOUR SOLAR ENGINE



solis  
inverters



Schneider  
Electric



Voltronic Power  
Advancing Power



SOFAR  
SOLAR



Lbb  
PURSUIT OF PERFECTION



SOFOTEC  
Power Solutions Expert



Growatt



senerqy



MEGAREVO