

# Residential LV ESS

Power Wall

Capacity:  
5/7.5/10/12 KWh



## Features and Advantages

- LFP technology stable and safe plus smart BMS
- Compact size and space saving
- 15 Years service life, 95% discharge efficiency
- Over 6000 cycles @80% DOD
- LCD,WIFI function available for 7/24 monitoring via APP
- Easy to extend, up to 14 units in parallel connection



## Technical Specification

### Main Parameter

Model	Powerwall 5	Powerwall 7.5	Powerwall 10	Powerwall 12
Cell Technology	(Lithium-iron Phosphate) LiFePO <sub>4</sub>			
Norminal Energy	5.12KWh	7.68KWh	10.24KWh	12.28KWh
Scalability	Max 14 moudles in parallel			
Dimensinon(L*W*H)	700*483*170mm		790*496*210mm	
Net Weight (KG)	46Kg	76Kg	92Kg	98Kg
Mounting Installation	Floor-standing/Wall-mounting			
Certification	UN38.3, MSDS, CE, UL & IEC (Cell certified)			

### Electrical Parameter

Norminal Voltage	51.2V	51.2V	51.2V	51.2V
Norminal Capacity	100ah	150ah	200ah	240ah
Recommended Charge Current	50A	75A	100A	100A
Max Cont. Discharge Current	100A	150A	200A	200A
Operating Voltage	41.6~58.4V			

### General Parameter

Depth of Discharge	95%			
Cycle Life	>6000 times (80% DOD)			
Service Life	15 years			
IP Rating	IP55			
Discharge Temperature (°C)	-20°C~ 60°C			
Charge Temperature (°C)	0°C~ 45°C			
Storage Conditions	-10°C~45°C			
Communication Port	CAN,RS485,RS232			
Maximum Elevation	3000 m (9843 ft)			
Cooling	Natural cooling			

## Wall-mount mode

