

WALL MOUNTED BATTERY

PW01 51.2V 100/150/200Ah

LiFePO4 Battery



Light weight

Compact size easy Installation



Wall mounted design

No longer worry about limited floor space usage



Smart display

The battery usage and status can be seen intuitively



≥ 6000 Cycles

Longer cycle life



BMS system

Built in BMS system ensures battery safety



Easy to install

Easy installation plug and play fuse protection

Technical Data	PW01-100AH	PW02-100AH	PW03-150AH	PW03-200AH
				
Performance parameters				
Nominal Voltage	51.2V	51.2V	48V	48V
Nominal Capacity	100Ah	100Ah	150Ah	200Ah
Energy	5.12kWh	5.12kWh	7.68kWh	10.24kWh
Internal Resistance	≤50mΩ			
Cycle Life	>6000 cycles			
Months Self Discharge	<3%			
Efficiency of Charge	100% @0.2C			
Efficiency of Discharge	96~99% @1C			
Standard Charge				
Charge Voltage	54V			
Charge Mode	0.2C to 58.4V, then 58.4,charge current 0.02C(CC/CV)			
Charge Current	50A		100A	
Discharge Current	100A		200A	
Charge Cut-off Voltage	59.2V±0.2V			
Standard Discharge				
Continuous Current	50A	50A	100A	100A
Max. Pulse Current	100A	100A	200A	200A
Discharge Cut-off Voltage	40V			
Environmental				
Charge Temperature	0 °C to 45 °C (32F to 113F) @60±25% Relative Humidity			
Discharge Temperature	-20°C to 60°C (-4F to 140F) @60±25% Relative Humidity			
Storage Temperature	0 °C to 40 °C (32F to 104F) @60±25% Relative Humidity			
Water Dust Resistant	IP54		IP21	
Mechanical				
Cell & Method	3.2V-100AH-16S1P			
Dimensions (in./mm.)	435*160*588MM		360*140*570MM	
Weight (lbs./kg.)	49.5kg	49.5kg	75kg	95kg
Terminal	100A through terminal			
Protocol (optional)	RS485/RS232/CAN			
Support Inverter Brands	Goodwe , Growatt , Victron , LXP , Sofar , Deye , Sarmatec , SREN , TBB,SMA,Jinlang , Wheatfield , Riyueyuan , Suzhou Jiaxun Natong			

1: Test conditions:25 °C, 100 % depth of discharge (DOD), 0.2C charge&discharge
2: Refer to battery warranty letter for conditional application