

WALL MOUNT BATTERY

PW04 WALL MOUNTED Battery Series

LiFePO4 51.2V 200Ah



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



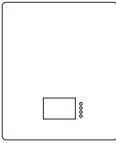

BMS system

Built in BMS system ensures battery safety



Easy to install

Easy installation plug and play fuse protection

Technical Data		PW04-100AH	PW04-200AH
			
Performance parameters			
Nominal Voltage	51.2V		
Nominal Capacity	100Ah	200Ah	
Energy	51. 2kWh	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		
Discharge Current	100A		
Charge Cut-off Voltage	58.4V±0.2V		
Standard Discharge			
Continuous Current	100A		
Max. Pulse Current	100A	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		
Mechanical			
Cell & Method	3.2V-100AH-16S1P	3.2V-100AH-16S2P	
Dimensions (in./mm.)	880*492*145mm		
Weight (lbs./kg.)	52kg	80kg	
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