

POWER WALL 5KWh&7.5KWh&10KWh



APPLICATION FIELD



Household energy storage



Solar energy storage

SAFETY AND RELIABLE

- High safety level with LiFePo4 battery cell ;
- Long life battery design supported by the efficient equalization technology ;
- Advanced BMS protection functionality ;
- Advanced thermal design ;
- Support to connect in parallel ;

PRODUCT DATA

MODEL	PW-5KWh	PW-7.5KWh	PW-10KWh
Nominal Voltage	51.2V	51.2V	51.2V
Capacity	100Ah	150Ah	200Ah
Energy	5120Wh	7680Wh	10240Wh
Internal Resistance	≤100mΩ	≤80mΩ	≤80mΩ
Cycle Life	≥4000 cycles @ 80% DOD, 25°C, 0.5C; ≥3000 cycles @ 80% DOD, 40°C, 0.5C		
Design Life	≥10 years		
Charge Cut-off Voltage	57.6V±0.5V		
Standard charge	50A		
Max. Continuous Work Current	100A		
Discharge Cut-off Voltage	43.2V±0.5V		
Charge Temperature	0°C~45°C		
Discharge Temperature	-20°C~55°C		
Storage Temperature	-20°C~45°C @ 60%±25% relative humidity		
Dimensions	600 x345 x160(200)mm	604 x470 x198(238)mm	604 x470 x198(238)mm
Weight	Approx:≈45kg	Approx:≈68kg	Approx:≈86kg
Protocol (optional)	RS232-PC RS485(B)-PC RS485(A)-Inverter CANBUS-Inverter		

*If the parameters are updated, no written notice will be given.

