



PXBG-5-10Kwh

LiFePO4 Powerwall Home Energy Storage Battery

-  High inverter compatibility
-  Natural cooling system
-  >15 Years life span
-  Reliable LFP cells
-  Scalable up to 160kWh 16 (Parallel)
-  Cells cycle times 6000 cycles
-  CANbus standard connection
-  IP65 Rating Triple hardware protection
-  Smart BMS system to optimize the performance



Electrical Characteristics

PRODUCT MODEL	PXBG-5KWH	PXBG-10KWH
Product specification	51.2V100Ah	51.2V 200Ah
Nominal voltage	51.2V	51.2V
Nominal capacity	100Ah	200Ah
Cell type	(LFP)	(LFP)
Voltage	43.2-58.4V	43.2-58.4V
Standard charge voltage	58.4V	58.4V
Max charge current	100A	100A
Discharge cut-off voltage	40V	40V
Max discharge current	100A	100A
Parallels Function	Support 8 units in parallels	Support 15 units in parallels
Cycle life	≥ 6000 Cycles (80%DOD)	≥ 6000 Cycles (80%DOD)
Colour	(Grey and white)	(Grey and white)
Dimensions	600*510*173MM	673*618*193MM
Weight	58Kg	89Kg
Installation method	(Wall mounted)	(Wall mounted)
Safety	CE TUV MSDS UN38.3	CE TUV MSDS UN38.3

Max.recommended DOD	80%
Operating Condition	Indoor or outdoor
Charge Temperature Range	From 0~65 C
Discharge Temperature Range	From -20~65 C
Cooling Type	Natural cooling
Case Material	Metal+Plastic
IP rating	IP 65
Protective Class	I
Max. Number of Parallel or Series	16
Warranty	10 years
Life Span	>15 years
Communication interface	RS485、RS232、CAN(Optional)
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage

Compatible Inverters

