



BLOO POWER

WALL-MOUNTED ENERGY STORAGE BATTERY

Safe LiFePo4 battery cell

Each battery with independent BMS system manages power output smartly and effectively

Compatible with most of available Off-grid/Hybrid Inverters

More than 6500 cycles

IP65 dustproof and waterproof level



Appearance Structure



Technical Specifications

Model No.	BP-HP-5KWH-C	BP-HP-7KWH-C	BP-HP-10KWH-C
Rated Voltage	51.2V	51.2V	51.2V
Cell Combination Type	16S	16S	16S
Rated Capacity	100AH	135AH	200AH
Rated Energy	5.12KWH	6.91KWH	10.24KWH
Voltage Range	40V-58.4V	40V-58.4V	40V-58.4V
Cycles (80% DOD)	6500 cycles	6500 cycles	6500 cycles
Depth of Discharge	80%	80%	80%
Charge Current	20A	20A	40A
Discharge Current	20A	20A	40A
Maximum Continuous Charge Current	80A	80A	160A
Maximum Continuous Discharge Current	100A	100A	200A
Maximum Continuous Charge /Discharge KW	5.12KW	6.91KW	10.24KW
Weight	60KG	80KG	120KG
Dimension L*W*D (mm)	L650*W384*H142mm	L650*W420*H135mm	L680*W412*H231mm
Battery Type	Wall-mounted		
Operation temperature	Charge: 0~55°C, Discharge: -10~55°C		
Storage temperature	Keep at -10°C to 55°C		
Cell Type	LiFePo4 Cell		
Maintenance	Maintenance free		
Compatibility	Compatible with most of available off-grid/hybrid Inverters and charge controllers		
BMS	Intelligent battery management system		
IP Protection	IP 65		
Maximum Parallel / Moduler Connection	16pcs		