



BLOO POWER

3U RACK-MOUNTED LIFEPO4 BATTERY

- Safe Lithium iron phosphate 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 times cycle life

Appearance Structure (3U)



Technical Specifications

Model No.	BP-HP-7KWH-3U	BP-HP-10KWH-3U	BP-HP-15KWH-3U
Rated Voltage	51.2V	51.2V	51.2V
Cell Combination Type	16S	16S	16S
Rated Capacity	150AH	200AH	300AH
Rated Energy	7.68KWH	10.24KWH	15.36KWH
Voltage Range	40V-58.4V	40V-58.4V	40V-58.4V
Charging Method	CC/CV/CP	CC/CV/CP	CC/CV/CP
Discharge Cutoff Voltage	43.2V	43.2V	43.2V
Charge Current	20A	40A	40A
Discharge Current	20A	40A	40A
Maximum Continuous Charge Current	80A	160A	160A
Maximum Continuous Discharge Current	100A	200A	200A
Dimension	L570*W442*H131mm (3U)	L600*W442*H131mm (3U)	L650*W450*H131mm (3U)
Weight	58KG	65KG	100KG
Operation temperature	Charge: 0~50°C, Discharge: -10~55°C		
Display	LCD		
Cell Type	LiFePo4 Lithium ion Phosphates Battery		
Communication	RS485/CAN		
Compatibility	Compatible with most of available off-grid/hybrid Inverters and charge controllers		
BMS	Intelligent battery management system		
Maximum Parallel Connection	16pcs		

