



BLOO POWER

ROLLER 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



Internal Structure



Technical Specifications

Model No.	BP-HR-10KWH-B	BP-HR-14KWH-B	BP-HR-15KWH-B
Rated Voltage	51.2V	51.2V	51.2V
Cell Combination Type	16S	16S	16S
Rated Capacity	200AH	280AH	300AH
Rated Energy	10.24KWH	14.336KWH	15.36KWH
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	40A	40A	40A
Discharge Current	40A	40A	40A
Maximum Continuous Charge Current	160A	160A	160A
Maximum Continuous Discharge Current	200A	200A	200A
Dimension	L415*W240*H600mm	L415*W240*H885mm	L415*W240*H885mm
Weight	83KG	120KG	124KG
Operation temperature	Charge: 0~55°C, Discharge: -10~55°C		
Storage temperature	Keep at 0 to 55°C		
Cell Type	LiFePo4 Lithium ion Phosphates Battery		
Maintenance	Maintenance free		
Compatibility	Compatible with most of available off-grid/hybrid Inverters and charge controllers		
BMS	Intelligent battery mangement system		
Maximum Parallel Connection	16pcs		