



**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



## Appearance Structure



## Technical Specifications

Model No.	BP-HR-7KWH	BP-HR-10KWH	BP-HR-13KWH	BP-HR-15KWH
Rated Voltage	51.2V	51.2V	51.2V	51.2V
Cell Combination Type	16S	16S	16S	16S
Rated Capacity	150AH	200AH	250AH	300AH
Rated Energy	7.68KWH	10.24KWH	12.80KWH	15.36KWH
Voltage Range	40V-58.4V	40V-58.4V	40V-58.4V	40V-58.4V
Cycles (80% DOD)	6500 cycles	6500 cycles	6500 cycles	6500 cycles
Depth of Discharge	80%	80%	80%	80%
Charge Current	20A	40A	40A	40A
Discharge Current	20A	40A	40A	40A
Maximum Continuous Charge Current	80A	160A	160A	160A
Maximum Continuous Discharge Current	100A	200A	200A	200A
Dimension	L500*W230*H630mm	L500*W250*H650mm	L520*W250*H700mm	L520*W250*H750mm
Weight	85KG	105KG	125KG	155KG
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			