



BLOO POWER

SOLAR ENERGY SYSTEM

- Safe Lithium iron phosphate battery cell
- Each battery with independent BMS system manages power output smartly and effectively
- Hybrid off grid
- More than 6500 times cycle life

Appearance Structure



Technical Specifications

Model No.	BP-SS-5KWH	BP-SS-10KWH	BP-SS-15KWH
Rated Voltage	51.2V	51.2V	51.2V
LiFePo4 Battery	1 pcs	1 pcs	1 pcs
Rated Capacity	100AH	200AH	300AH
Rated Energy	5.12KWH	10.24KWH	15.36KWH
Voltage Range	40V-58.4V	40V-58.4V	40V-58.4V
Charge Current	50A	100A	150A
Discharge Current	100A	200A	300A
Inverter	5 Kw	5 Kw	10 Kw
550W Solar Panel	8 pcs	16 pcs	24 pcs
Solar Mounting Racks	2.2 Kw	4.4 Kw	6.6 Kw
Solar Cable	2 pcs	2 pcs	2 pcs
MC4	2 pcs	2 pcs	2 pcs
Communication	CAN+RS485+RS232	CAN+RS485+RS232	CAN+RS485+RS232
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 Hybrid Inverters and charge controllers		
BMS	Intelligent battery mangement system		
Maximum Parallel Connection	16pcs		