



BLOO POWER

YOUR RELIABLE ENERGY STORAGE BATTERY SYSTEM SUPPLIER



HOME ENERGY STORAGE SYSTEM

Wall-mounted Battery

5.12KWH LIFEPO4 BATTERY PACK



BP-HP-5KWH-A

- ◆ LCD monitoring screen
- ◆ Power wall design
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

Rated Capacity:	100AH
Rated Voltage:	DC-51.2V
Rated Energy:	5120wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	50A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L580mm*W450*H210mm
Weight:	50Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

Rated Capacity:	138AH
Rated Voltage:	DC-51.2V
Rated Energy:	7065wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	70A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L1100mm*W550*H140mm
Weight:	90Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

7KWH LIFEPO4 BATTERY PACK



BP-HP-7KWH-A

- ◆ LCD monitoring screen
- ◆ Ultra-slim design
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

10.24KWH LIFEPO4 BATTERY PACK



BP-HP-10KWH-A

- ◆ LCD monitoring screen
- ◆ Power wall design
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

Rated Capacity:	200AH
Rated Voltage:	DC-51.2V
Rated Energy:	10240wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	100A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L580mm*W800*H210mm
Weight:	100Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

HOME ENERGY STORAGE SYSTEM

Rack-mounted Battery

5.12KWH LIFEPO4 BATTERY PACK



BP-HP-5KWH-B

- ◆ LCD monitoring screen
- ◆ Easy to install and use
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

Rated Capacity:	100AH
Rated Voltage:	DC-51.2V
Rated Energy:	5120wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	50A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L480mm*W450*H176mm
Weight:	40Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

Rated Capacity:	200AH
Rated Voltage:	DC-51.2V
Rated Energy:	10240wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	100A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L480mm*W450*H266mm
Weight:	80Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

10.24KWH LIFEPO4 BATTERY PACK



BP-HP-10KWH-B

- ◆ LCD monitoring screen
- ◆ Easy to install and use
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

20-400KWH LIFEPO4 BATTERY PACK



BP-HP-80KWH

- ◆ LCD monitoring screen
- ◆ Easy to install and use
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

Rated Capacity:	800AH
Rated Voltage:	DC-102.4V
Rated Energy:	81.92Kwh
Operating Voltage:	89.6V~116.8V
Max. Charge Current:	200A
Max. Discharge Current:	200A
Peak Current:	800A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Cell Matching:	32S4P
Weight:	650Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

HOME ENERGY STORAGE SYSTEM

Roller Lithium-ion Battery

10.24KWH LIFEPO4 BATTERY PACK



BP-HR-10KWH-A

- ◆ LCD monitoring screen
- ◆ Rolling wheel design
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

Rated Capacity:	200AH
Rated Voltage:	DC-51.2V
Rated Energy:	10240wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	100A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L500mm*W300*H700mm
Weight:	90Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

Rated Capacity:	200AH
Rated Voltage:	DC-51.2V
Rated Energy:	10240wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	100A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L535mm*W240*H815mm
Weight:	90Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500

10.24KWH LIFEPO4 BATTERY PACK



BP-HR-10KWH-B

- ◆ LCD monitoring screen
- ◆ Rolling wheel design
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

11.78KWH LIFEPO4 BATTERY PACK



BP-HR-11KWH-A

- ◆ LCD monitoring screen
- ◆ Rolling wheel design
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

Rated Capacity:	230AH
Rated Voltage:	DC-51.2V
Rated Energy:	11776wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	100A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L500mm*W300*H750mm
Weight:	101Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

HOME ENERGY STORAGE SYSTEM

All In One Energy Storage System

5.12KWH 5KW ENERGY STORAGE SYSTEM



BP-ALL-5KWH

- ◆ LCD monitoring screen
- ◆ Built in inverter
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 batter

Rated Capacity:	100AH
Rated Voltage:	DC-51.2V
Rated Energy:	5120wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	50A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Inverter:	Frequency Inverter
Power:	5KW
DC Import:	48Vdc
MPPT:	60-180Vdc,80A
AC Import:	220Vac,50/60Hz
AC Output:	220Vac,50/60Hz
Dimension:	L700mm*W550*H320mm
Weight:	110Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500

Rated Capacity:	200AH
Rated Voltage:	DC-51.2V
Rated Energy:	10240wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	100A
Max. Discharge Current:	150A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Inverter:	Frequency Inverter
Power:	5KW
DC Import:	48Vdc
MPPT:	60-180Vdc,80A
AC Import:	220Vac,50/60Hz
AC Output:	220Vac,50/60Hz
Dimension:	L1016mm*W550*H320mm
Weight:	185Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500

10.24KWH 5KW ENERGY STORAGE SYSTEM



BP-ALL-10KWH

- ◆ LCD monitoring screen
- ◆ Built in inverter
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

15.36KWH 8KW ENERGY STORAGE SYSTEM



BP-HB-ALL-10KWH

- ◆ LCD monitoring screen
- ◆ Built in inverter
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery

Rated Capacity:	300AH
Rated Voltage:	DC-51.2V
Rated Energy:	15360wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	100A
Max. Discharge Current:	150A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Inverter:	Frequency Inverter
Power:	8KW
DC Import:	48Vdc
MPPT:	60-180Vdc,80A
AC Import:	220Vac,50/60Hz
AC Output:	220Vac,50/60Hz
Dimension:	L630mm*W450*H1020mm
Weight:	155Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500

HOME ENERGY STORAGE SYSTEM

Stackable Battery

15.36KWH LIFEPO4 BATTERY PACK



BP-HB-LV-15KWH

- ◆ LCD monitoring screen
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery
- ◆ Stackable design easy to install

Rated Capacity:	300AH
Rated Voltage:	DC-51.2V
Rated Energy:	15360wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	100A
Max. Discharge Current:	100A
Peak Current:	300A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L630mm*W450*H815mm
Weight:	135Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

Rated Capacity:	400AH
Rated Voltage:	DC-51.2V
Rated Energy:	20480wh
Operating Voltage:	44.8V~58.4V
Max. Charge Current:	100A
Max. Discharge Current:	150A
Peak Current:	400A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L630mm*W450*H1020mm
Weight:	180Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

20.48KWH LIFEPO4 BATTERY PACK



BP-HB-LV-20KWH

- ◆ LCD monitoring screen
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery
- ◆ Stackable design easy to install

30.72KWH LIFEPO4 BATTERY PACK



BP-HB-ALL-10KWH

- ◆ LCD monitoring screen
- ◆ 6500 times cycle life
- ◆ Extremely safe LiFePo4 battery
- ◆ Stackable design easy to install

Rated Capacity:	100AH
Rated Voltage:	DC-307.2V
Rated Energy:	30720wh
Operating Voltage:	273.6V~345.6V
Max. Charge Current:	100A
Max. Discharge Current:	150A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-10℃~55℃
Charge Temp:	0℃~55℃
Dimension:	L630mm*W450*H11635mm
Weight:	290Kg
Internal Resistance:	≤30mΩ
Cycle Life:	6500
Communication:	CAN+RS485+RS232

LITHIUM-ION BATTERY PACK

LiFePo4 Battery

12V 100AH LIFEPO4 BATTERY PACK



BP-LB-12100

- ◆ Maintenance free
- ◆ Deep cycle
- ◆ Extremely safe LiFePo4 battery
- ◆ Fast charge battery

Rated Capacity:	100AH
Rated Voltage:	DC-12.8V
Rated Energy:	1280wh
Operating Voltage:	11.2V~14.6V
Max. Charge Current:	100A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-20℃~60℃
Charge Temp:	0℃~50℃
Dimension:	L328mm*W171*H215mm
Weight:	13.6Kg
Internal Resistance:	≤30mΩ

Rated Capacity:	200AH
Rated Voltage:	DC-12.8V
Rated Energy:	2560wh
Operating Voltage:	11.2V~14.6V
Max. Charge Current:	100A
Max. Discharge Current:	100A
Peak Current:	320A
Battery Type:	LiFePo4 battery
Discharge Temp:	-20℃~60℃
Charge Temp:	0℃~50℃
Dimension:	L520mm*W238*H220mm
Weight:	23.8Kg
Internal Resistance:	≤30mΩ

12V 200AH LIFEPO4 BATTERY PACK



BP-LB-12200

- ◆ Maintenance free
- ◆ Deep cycle
- ◆ Extremely safe LiFePo4 battery
- ◆ Fast charge battery

12V 300AH LIFEPO4 BATTERY PACK



BP-LB-12300

- ◆ Maintenance free
- ◆ Deep cycle
- ◆ Extremely safe LiFePo4 battery
- ◆ Fast charge battery

Rated Capacity:	300AH
Rated Voltage:	DC-12.8V
Rated Energy:	3840wh
Operating Voltage:	11.2V~14.6V
Max. Charge Current:	100A
Max. Discharge Current:	100A
Peak Current:	200A
Battery Type:	LiFePo4 battery
Discharge Temp:	-20℃~60℃
Charge Temp:	0℃~50℃
Dimension:	L520mm*W270*H220mm
Weight:	32.5Kg
Internal Resistance:	≤30mΩ

PORTABLE POWER STATION

Model	BP-PE1000	BP-PE1500/2000	BP-PE3600
Capacity:	835.2Wh(19.2V/43.5Ah)	1484.8Wh(25.6V/58Ah)	3248Wh(44.8V/72.5Ah)
Battery Type:	LiFePo4	LiFePo4	LiFePo4
Inverter:	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Rated Power:	1000W	1500W/1800W	2000W
Peak Power:	1200W	2000W	3000W
Input-1: (By Adapter/Car/ Solar panel)	Input Port: DC5521 & XT60 Port Input Voltage range: 12-28V Input Current: Max 5A Input Power: Max 150W	Input Port: DC5521 & XT60 Port Input Voltage range: 12-30V Input Current: Max 7A for DC port, Max 10A for XT60 Port Input Power: Max 200W for DC port, Max 300W for XT60	Input Port: DC5521 & XT60 Port Input Voltage range: 12-60V Input Current: Max 7A for DC port, Max 10A for XT60 Port Input Power: Max 420W for DC port, Max 600W for XT60 Port
AC Input-2: (Direct from Wall Power)	220~240V,50/60Hz,Max 600W	220~240V,50/60Hz,Max 1000W	220~240V,50/60Hz,Max 1000W
Output:	1* QC 3.0 Max 18W per port 1* Type-C PD 30W per port 1* Type-C PD 100W per port 1* DC5525 13.6V/8A 1* Car Socket 13.6V/8A AC output 300W: 220~240V 50/60Hz	4*QC3.0 Max 18W per port 2*Type-C Max 100W per port 2*DC 13.6V/8A Max 1*Car Socket 13.6V/8A Max 4*AC output 1000W AC output: 220~240V 50/60Hz	1* QC 3.0 Max 18W per port 1* Type-C PD 30W per port 1* Type-C PD 100W per port 1* DC5525 13.6V/8A 1* Car Socket 13.6V/8A AC output 300W: 220~240V 50/60Hz
Charging time:	2 hours by AC cable	2 hours by AC cable	3 hours by AC cable
Working Temperature:	0~40℃	0~40℃	0~40℃
Working Humidity:	20%-90%	20%-90%	20%-90%
Storage Temperature:	-20~45℃	-20~45℃	-20~45℃
Certificates:	CE/FCC/ROHS/REACH/MSDS/ UN38.3/PSE	CE/FCC/ROHS/REACH/MSDS/ UN38.3/PSE	CE/FCC/ROHS/REACH/MSDS/ UN38.3/PSE
Accessories:	1.AC charging cable 2.User manual 3.Cardboard box	1.AC charging cable 2.User manual 3.Cardboard box	1.AC charging cable 2.User manual 3.Cardboard box
Product Size:	304*178*276.6mm	350*220*313mm	405*285*445mm
Product weight:	12.5kg	17.5kg	36.5kg



BP-PE1000

- ◆ LCD display
- ◆ Fully charged in 2 hours
- ◆ Pure sine wave inverter
- ◆ Charged by solar panel / car / adaptor



BP-PE2000

- ◆ LCD display
- ◆ Fully charged in 2 hours
- ◆ Pure sine wave inverter
- ◆ Charged by solar panel / car / adaptor



BP-PE3600

- ◆ LCD display
- ◆ Fully charged in 3 hours
- ◆ Pure sine wave inverter
- ◆ Charged by solar panel / car / adaptor



ABOUT BLOO POWER

Your reliable energy storage battery system supplier

15000² m
Production base providing
OEM/ODM service



15 Years
Energy Experience



200 MWh
200MWh production capacity
per month



80,000+
Global customers
over 80000+



CERTIFICATE

Our products have passed CE FCC RoHS MSDS UN38.3 certifications.



CUSTOMER CASES

Our products are exported to more than 50 countries worldwide.






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