



BSL NEW ENERGY TECHNOLOGY CO., LTD

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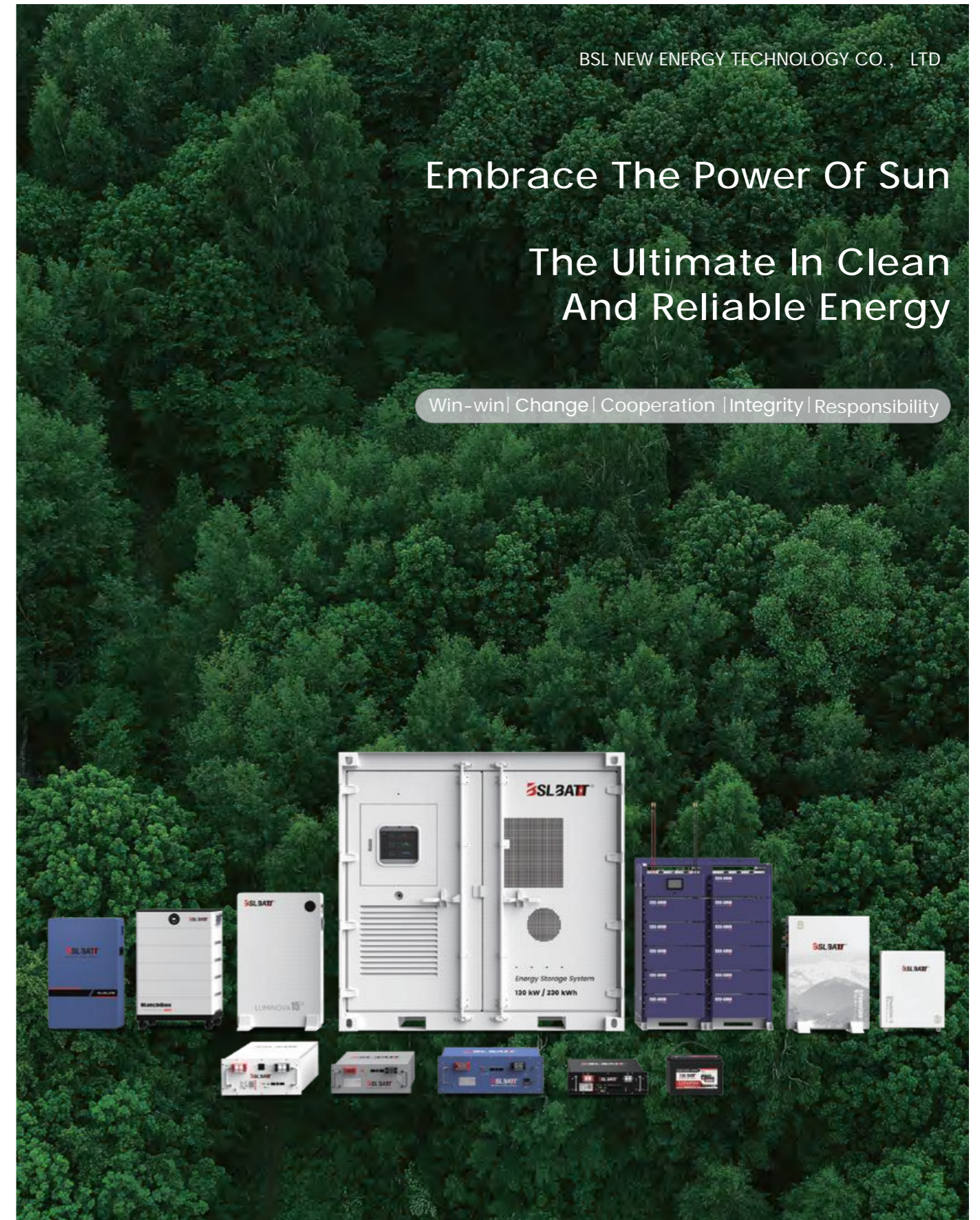


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Embrace The Power Of Sun  
The Ultimate In Clean  
And Reliable Energy

Win-win | Change | Cooperation | Integrity | Responsibility





**BSLBATT**<sup>®</sup>  
Best Solution Lithium Battery  
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# B-LFP48 SERIES



51.2V LiFePO4 Rack Batteries

52/100/104/134/156/174/200/280/300



 Module design, flexible expansion  
 IP54 protection level

 Tier One, A+ LiFePO4 cell composition  
 6000 cycles @ 80% DOD

 Stackable with flexible brackets  
 Residential & commercial/industrial use

## 51.2 Volt Rack Mounted

	B-LFP48-52E	B-LFP48-100E	B-LFP48-134E	B-LFP48-156E
Nominal Voltage	51.2V			
Rated Capacity(Ah)	52	100	134	156
Cell Model(LFP-3.2v)	52Ah	100Ah	67Ah	52Ah
Pack Configuration	16S1P	16S1P	16S2P	16S3P
Rate Power (Wh)	2662	5120	6861	7987
Recommended Charge Current	26A	50A	67A	78A
Recommended Discharge Current	26A	50A	67A	78A
Charge Current Limitation	60A	110A	160A	160A
Discharge Current Limitation	60A	120A	165A	165A
Pack Weight (Kg)	30KG	53KG	62KG	71KG
Dimension(mm)	348*442*136	538*442*136	560*442*136	700*442*136

## 51.2 Volt Rack Mounted

	B-LFP48-174E	B-LFP48-200E	B-LFP48-280E	B-LFP48-300E
Nominal Voltage	51.2V			
Rated Capacity (Ah)	174	200	280	300
Cell Model(LFP-3.2v)	87Ah	100Ah	280Ah	300Ah
Pack Configuration	16S2P	16S2P	16S1P	16S1P
Rate Power (Wh)	8909	10240	14336	15360
Recommended Charge Current	87A	100A	140A	150A
Recommended Discharge Current	87A	100A	140A	150A
Charge Current Limitation	160A	210A	210A	210A
Discharge Current Limitation	165A	215A	215A	215A
Pack Weight (Kg)	78KG	95KG	110KG	130KG
Dimension(mm)	780*442*136	590*483*225	700*442*267	780*442*222

### Additional data

Charging Voltage	58.4V
Float Charge Voltage	55V
Discharge Cut-off	40V
Internal Impedance	≤100mΩ
Communication Protocol	CAN(500Kb/s)/RS485(9600b/s)
Host Software And Communication Protocol	RS232
Operation Temperature Range	Charge:0-55 °C   Discharge: -20-60
Storage Temperature	0°C -25°C
Protection Level	IP22, IP54/IP65 (option)

Note: Parameters can be adjusted according to customer requirements