

B-LFP48 SERIES

51.2V LiFePO4 Rack Batteries

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



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
Charging Current	40A	80A	120A	120A
Max Discharging	50A	100A	150A	150A
Charge Over Current	60A	110A	160A	160A
Discharge Over Current	60A	120A	165A	165A
Pack Weight (Kg)	30KG	53KG	62KG	71KG
Dimension(mm)	348*483(442)*136	538*483(442)*136	560*483(442)*177	700*483(442)*177

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	304Ah
Pack Configuration	16S2P	16S2P	16S1P	16S1P
Rate Power(Wh)	8806	10240	14336	15565
Charging Current	160A	160A	160A	160A
Max Discharging	200A	200A	200A	200A
Charge Over Current	210A	210A	210A	210A
Discharge Over Current	215A	215A	215A	215A
Pack Weight (Kg)	78KG	95KG	110KG	130KG
Dimension(mm)	780*483(442)*136	590*483(442)*222	700*483(442)*267	780*483(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	RS232
Operation Temperature Range	Charge:0~55°C Discharge: -10~55°C
Storage Temperature	0°C~25°C
IP Grade	IP54

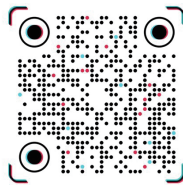
Note: Parameters can be adjusted according to customer requirements



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