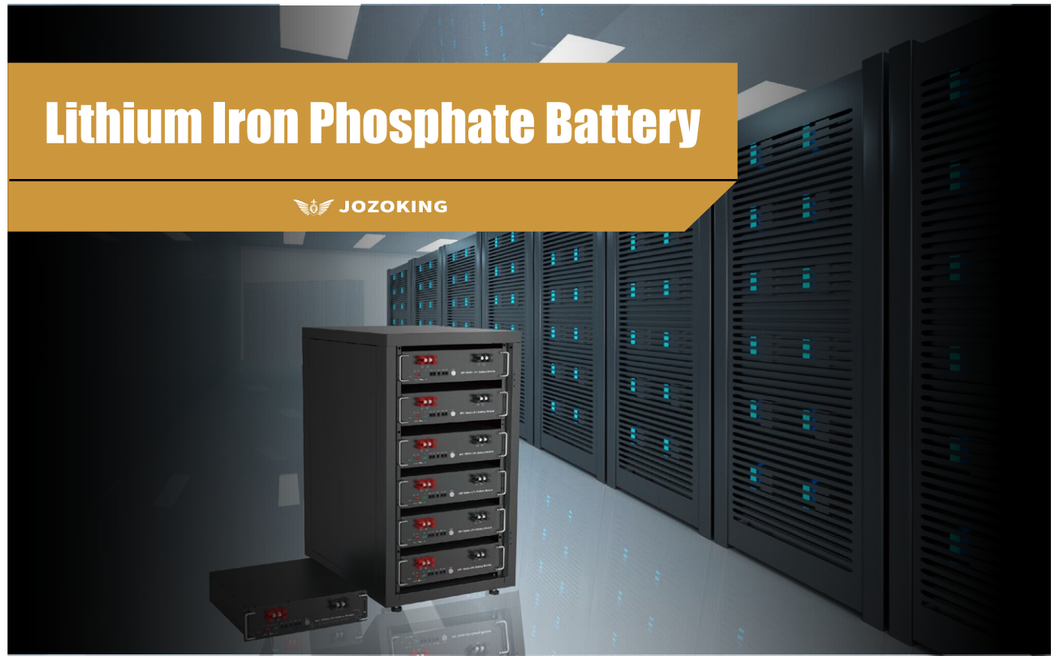
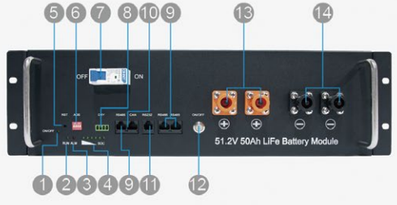


CHB100-J / CHB200-J

19 inches rack standard backup battery is based on Lithium iron phosphate battery , It has been designed to provide backup power for telecom equipment or energy storage system in household. It has excellent safety high energy density, long lifetime, very nice temperature performance, green power newly of excellent safety and high reliability.

Pic of Input & Output Port



1.ON/OFF indicator
2.RUN indicator
3.Alarm indicator
4.SOC indicator
5.RST port
6.ADS switch
7.Power switch
8.DRY port
9.RS485 communication port
10.CAN port
11.RS232 communication port
12.Start buttons
13.BAT+
14.BAT-

Specifications

MODEL			CHB100-J	CHB200-J
LiFePO4 Battery	Nominal voltage		51.2V	
	Nominal Capacity		100Ah	200Ah
	Nominal energy		5120Wh	10240Wh
	Life Cycles		4000+(80% DoD for effectively lower total of ownership cost)	
	Recommended Charge Voltage		57.6V	
	Recommended Charge Current		20.0A	
	End of discharge voltage		44.0V	
	Standard method	Charge	20.0A	40.0A
		Discharge	50.0A	100.0A
	Maximum continuous current	Charge	100.0A	100.0A
		Discharge	100.0A	100.0A
	BMS Cut-Off Voltage	Charge	<58.4 V (3.65V/Cell)	
		Discharge	>32.0V (2s) (2.0V/Cell)	
	Temperature	Charge	-4 ~ 113° F(0 ~ 45℃)	
		Discharge	-4 ~ 131° F(-20 ~ 55℃)	
	Storage Temperature		23 ~ 95° F(-5 ~ 35℃)	
	Shipment voltage		≥51.2V	
	Module Parallel		Up to 4 units	
	Communication		CAN2.0/RS232/RS485	
	Case Material		SPPC	
	Dimension (L x W x H)		482x480x133 19.0x18.9x5.2”	482x500x222mm 19.0x19.7x8.7”
	Approx. Weight		97 lbs (44 kg)	176.3 lbs (80 kg)
	Charge retention and capacity recovery capability		Standard charge the battery, and then put aside at room temperature for 28d or 55℃ for 7d, Charge retention rate≥90%, Recovery rate of charge≥90	

High cycle life
4000 cycles @80% DoD for effectively lower total of ownership cost

Quickly recharge
Save time and increase productivity with less down time thanks to superior charge/discharge efficiency

Longer service life
Low maintenance batteries with stable chemistry

Extreme heat tolerance
Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C

Built in circuit protection
Battery Management System (BMS) is incorporated against abuse

Lightweight
Lithium batteries provide more Wh/Kg while also being up to 1/3 the weight of its SLA equivalent

Better storage
Up to 6 months thanks to its extremely low self discharge (LSD) rate and no risk of sulphation

Function
Support parallel operation