



5.12 kWh

51.2V 100Ah

B-LFP48-100E rack batteries are made from a deep cycle prismatic LiFePO4 battery with a capacity of 5.12kWh that combines proprietary architecture, circuitry, assembly methods, and modular, lightweight, and battery management systems (BMS). They are scalable for applications ranging from residential, commercial, and industrial energy storage to telecom base station installations.



Modular and scalable



≥6000cycle @90%DOD



Better price, bigger capacity



10-year warranty & technical support



30 days delivery period



For on-grid and off-grid



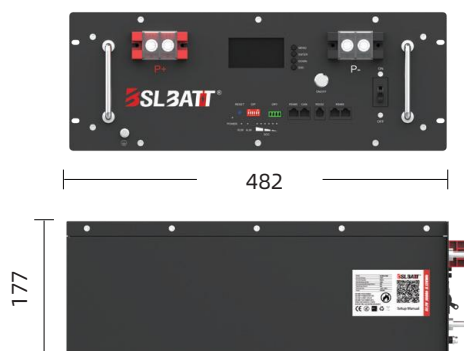
UL Standard Battery Pack



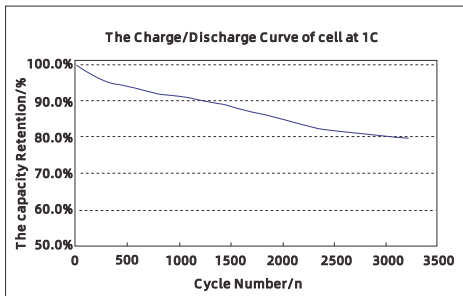
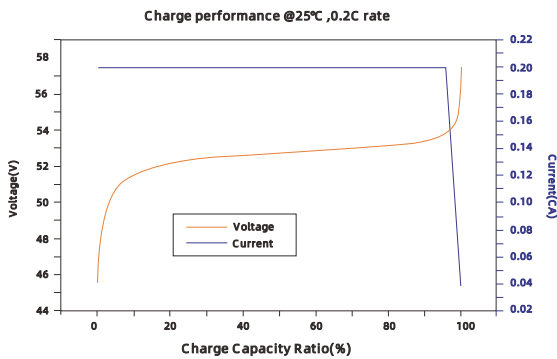
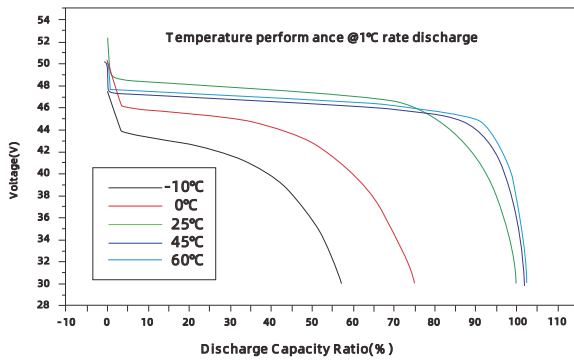
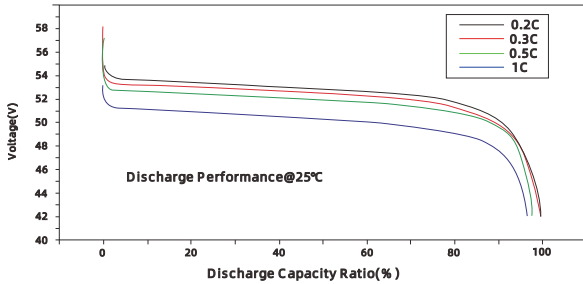
High cycle life and deep cycle capability



Safe and reliable LiFePO4



# Best solutions for residential and commercial



## ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2V (16S1P)
Nominal Capacity	100 AH
Energy	5120 Wh
Efficiency	99%
Self Discharge	< 1% per Month

## DISCHARGE SPECIFICATIONS

Max. Continuous Discharge Current	100 A
Peak Discharge Current	100 A
Standard Discharge Current	50 A
Voltage At End Of Discharge	43.2 V
Maximum Continuous Discharge Rate	5.12 kW

## TEMPERATURE SPECIFICATIONS

Discharge Temperature	(-20~60°C)
Charge Temperature	(0~55°C)
Storage Temperature	(-20~55°C)

## MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	About 495*482*177MM
Weight	About 46 KG
Case Material	Steel
Cell Type	Prismatic
Chemistry	LiFePO4
IP Level	IP22

## CHARGE SPECIFICATIONS

Recommended Charge Current	50 A
Maximum Charge Current	95 A
Recommended Charge Voltage	56.2 V
Charge Mode	CC/CV

## COMPLIANCE SPECIFICATIONS

Certifications	CEC, UL1973
	CE, ROHS 2.0
	IEC62619
Shipping Certification	UN38.3
Shipping Classification	UN3480, CLASS9