

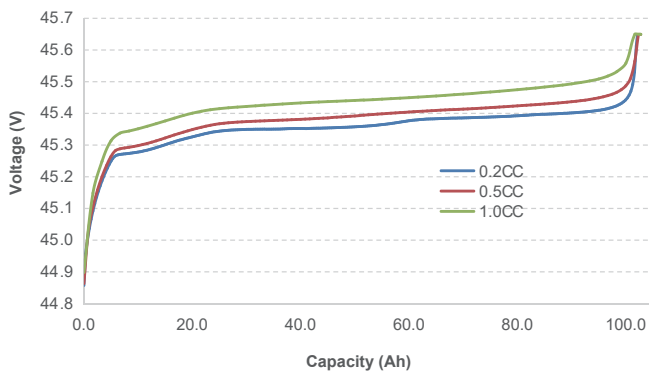
**51.2V**  
**200Ah**

**B-LFP48-200E**

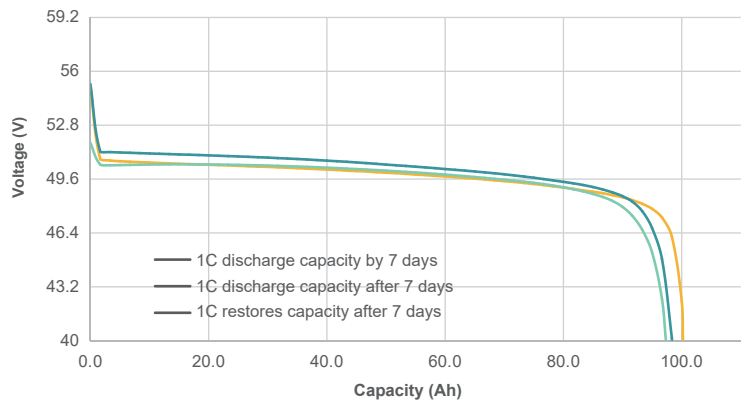


B-LFP48-200E rack batteries are made from a deep cycle prismatic LiFePO4 battery that combines proprietary architecture, circuitry, assembly methods and battery management systems (BMS) that are modular, lightweight and scalable for applications ranging from residential, commercial and industrial energy storage to telecom base station installations. **With BSL inverters and batteries, you'll get 12 years of warranty service and technical support!**

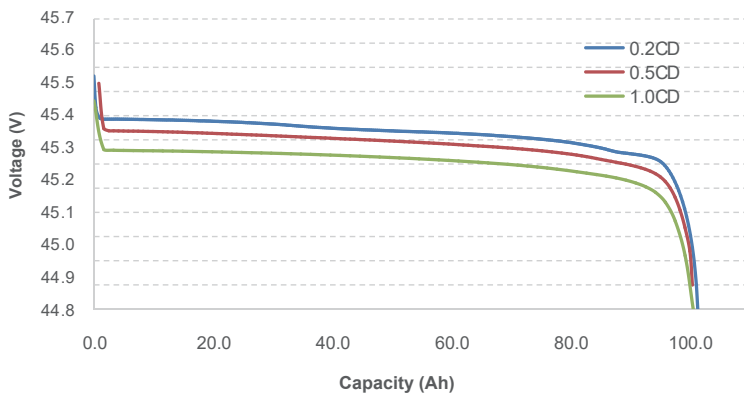
Charging Curves At Different Ratio



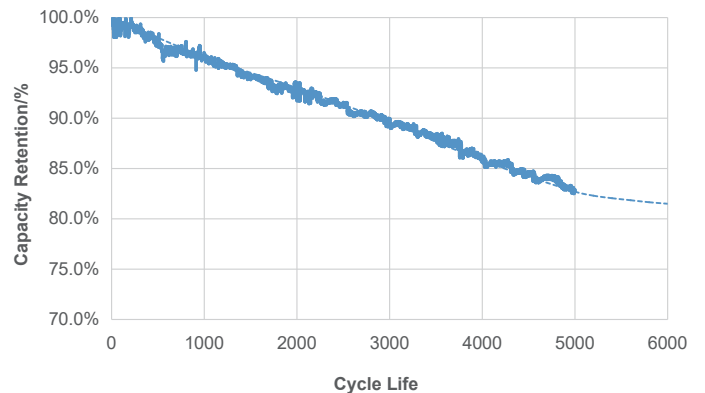
60°C 7 days



Discharge Curves For Different Ratio



Cycle Performance(0.5CC/1CD)



# Technical Specifications

## Specification

Item	General Parameter	
Model	B-LFP48-200E	
Charge Voltage	DC 58.4V	
Nominal Voltage	51.2V	
Nominal Capacity	200Ah	
Energy	10240wh	
Charge Current	Standard charge: 0.5C Approx 3 Hours / Rapid charge: 1C Approx 1.5 Hours	
Standard Charging Method	0.5C.CC (constant current) charge to 58.4V, then CV(constant voltage 58.4V) charge till charge current decline to 0.05C	
Max. Charge Current	160A	
Max. Discharge Current	200A	
Max. Pulse Current	210A(300ms)	
Discharge Cut-off Voltage	40V	
Cell & Method	16S2P	
Operating Temperature	Charging	0°C ~ 55°C
	Discharging	-20°C ~60°C
Storage Temperature	0°C ~ 25°C	
Battery Weight	Approx: 95 kg	
Battery Dimension	590*483(442)*222mm(W*H*D)	
Battery Outgoing Voltage	52.5V	
Cycle Life	≥6000 cycles @ 90%DOD, @ 25°C, 0.5C	
Warranty	10 years	
Battery Life	≥15 years	

## Certification

Safety	IEC62619/CE/UN38.3
Hazardous Materials Classification	Class 9
Transportation	UN38.3
Protection Level	IP22, IP54 (optional)

