LYBESS

Magi-C

12V LiFePO4 Battery

12.8V 50/60/100Ah

The battery is a lead to lithium battery pack which consists of long span LiFePO4 battery cells and functional BMS. It can customize different voltage capacities according to customer needs, and can form a system according to needs to meet power demand. It is mainly used to replace lead-acid batteries.

Product function

Exquisite appearance

Patented design, smaller in size than similar products in the market, avoiding homogeneous competition

Diverse scenarios

Used for solar street lighting, emergency lighting, electric wheelchairs and for powering laptops, refrigerators, TVs etc. by connecting to a sine wave inverter

Precision construction

Precision moulds are used, taking full account of the safety and durability of the product's internal structure, with a waterproof rating of up to IP67

Functional extensions

Supports series and parallel use (up to 4*4) and optional Bluetooth communication to meet differentiated needs

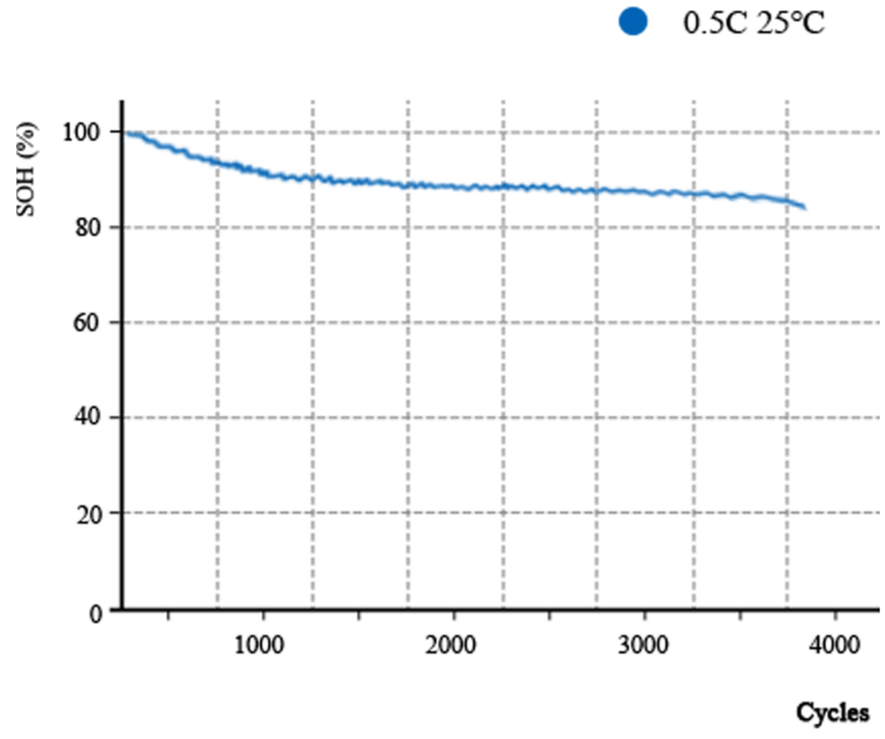
After sales service

A 5-year long warranty, additional spare parts and overseas warehouses in several locations guarantee a worry-free after-sales service

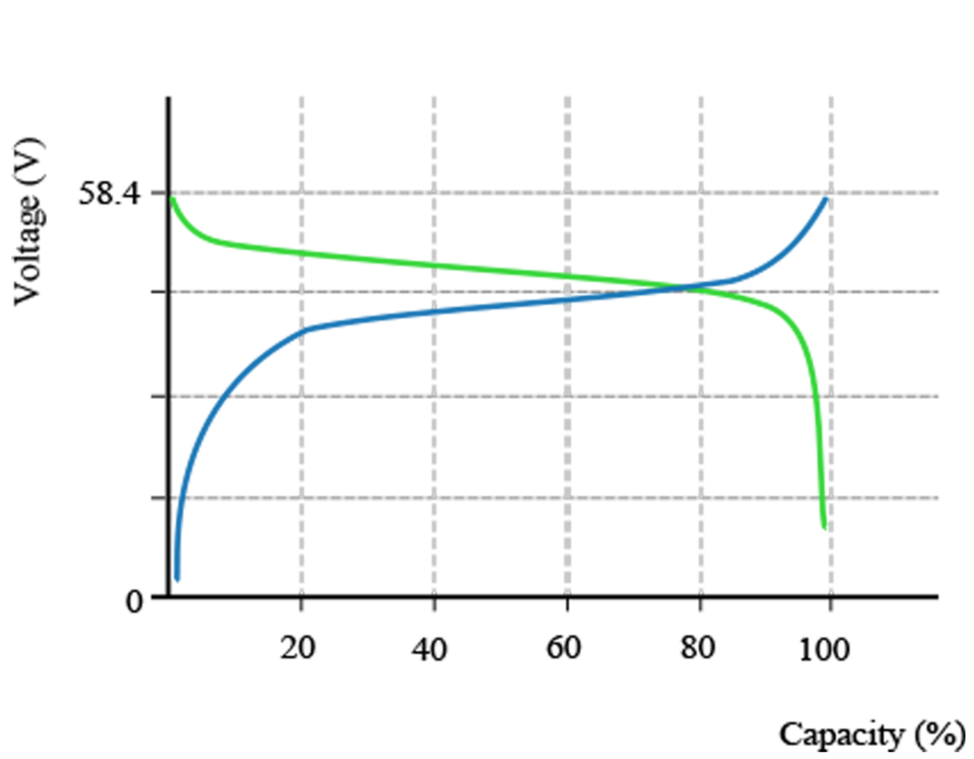
Cell parameter

Battery Type	LiFePO4
Nominal Voltage	3.2V
Nominal Capacity	15Ah / 50Ah / 100Ah
Working Voltage Range	2.8-3.65V
Internal resistance	0.4-0.6mΩ

Performance Curve



Charge / Discharge Curve



LYBESS

Product parameter

	50Ah	60Ah	100Ah
Nominal Voltage		12.8V	
Nominal Capacity	50Ah	60Ah	100Ah
Shell Material		ABS+PC	
Weight	5.6kg(12.4Ib)	6.8kg(15Ib)	10.5kg(23.2Ib)
Size		250*214*180mm	
Max. Discharge Current	50A	60A	100A
Max. Charge Current	50A	60A	100A
Protection		IP67	
Cycle Life		>4000	
COM		No / Bluetooth	
Series-Parallel		Yes 4*4	
Voltage Range		10V~14.6V	
High Temperature Cut-Off		60℃/140℉	
Low Temperature Disconnect		-10℃/14℉	
Heating Function		Optional	
Compliance Standards		Cells(UL1973/IEC62619) / Pack(CE/UN38.3)	

LYBESS

Get to know us

ANHUI LEAD-WIN NEW ENERGY TECHNOLOGY CO., LTD

+86 0551-65600581

Website:www.lybess.com

Email for consultation: info@lybess.com

First floor, No. 8-5, Liandong U Valley Shushan International Enterprise Port, 1499 Zhenxing Road, Shushan District, Hefei City, Anhui Province