

LIFEPO4 BATTERY PACK

12.8V 79.2AH



ANTBATT

Long Life

More than 2000 cycles at Lab test condition, longer serving time ranges helps vendors to extend the product serving life and help final users to reduce the battery replacement costs.

Lighter & Smaller

The LiFePO₄ weighs less than half of comparable lead acid batteries, providing customers with a lighter-weight solution to optimize their product design and avoid unnecessary oversizing, which helps minimize cost and system complexity.

High Power Capability

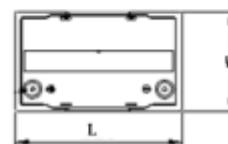
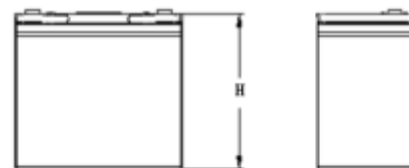
LiFePO₄ is designed to deliver twice the power of lead acid, including at high discharge rates, while maintaining high energy capacity to maximize product performance.



Parameters

Electrical Characteristics	Nominal Voltage	12.8V
	Rated Capacity	79.2Ah
	Rated Energy	1013Wh
	Output Power	800W
	Alternating Inner Resistance	≤40mΩ
	Self-Discharge Rate/Month	<3%/Month
	Cycle Life(0.5C 100%DOD*)	>2000 cycles
Standard Charge	Charge Voltage	14.4V
	Charge Mode	CC/CV
	Suggested Charge Current	10A
	Max. Charge Current	40A
Standard Discharge	Continue Current	60A
	Max Pulse Current	90A(<1s)
	Discharge Cut-off Voltage	About 10V
Environmental	Charge Temperature	0°C~45°C
	Discharge Temperature	-20°C~60°C
	Storage Temperature	0°C~45°C
	Water Dust Resistance	IP65
Mechanical	Cell	18650 3.2V 1800mAh
	Configuration	4S4P*
	Dimension	228(L)x138(W)x208(H)m
	Enclosure Material	ABS Plastics
	Weight	9.5Kg
	Charge Terminal	M6
	Discharge Terminal	M6

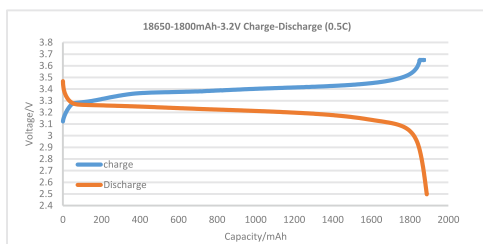
Dimension



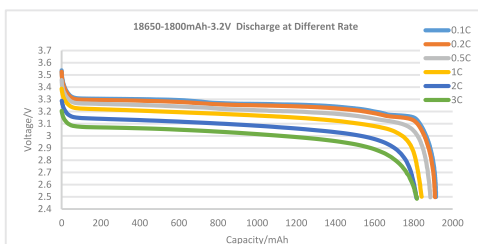
Application

- > Solar Storage
- > Wheel Chair
- > Golf Trolley
- > All Purpose

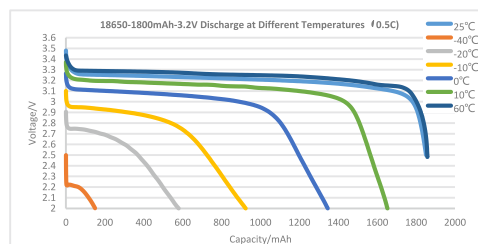
Cell Charge & Discharge at 0.5C @25°C



Cell Discharge Rate Performance @25°C



Cell Temperature Performance @0.5C



* CC/CV: Constant Current / Constant Voltage
 * DOD: Depth of Discharge
 * xSxP: Series & Parallel Connection

