LiFEPO4 BATTERY PACK
6V 6Ah

akaWatt

Long Life
More than3000 cycles at Lab test condi on, longer serving me ranges helps vendors to extend the product serving life and help final users to reduce the ba ery replacement costs.

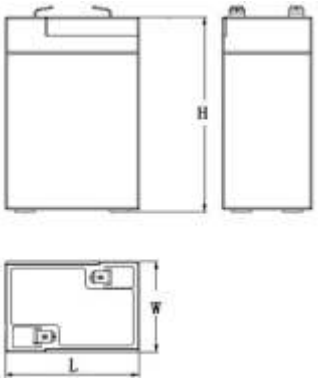
Lighter & Smaller
The $LiFePO_4$ weighs less than half of comparable lead acid ba eries, providing customers with a lighter-weight solu on to op mize their product design and avoid unnecessary oversizing, which helps minimize cost and system complexity.

High Power Capability
$LiFePO_4$ 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	6 V
	Rated Capacity	6 Ah
	Rated Energy	34.56Wh
	Output Power	34.56W
	Alternating Inner Resistance	≤60mΩ
	Self-Discharge Rate/Month	<3%/Month
	Cycle Life(0.5C 100%DOD*)	>3000 cycles
Standard Charge	Charge Voltage	7.3V
	Charge Mode	CC/CV
	Suggested Charge Current	1.1A
	Max. Charge Current	2.75A
Standard Discharge	Suggested Current	2.75A
	Max Cotinue Current	4.5A
	Discharge Cut-off Voltage	About 5V
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	32700 3.2V 6200 mAh
	Configuration	1S1P*
	Dimension	70(L)x47(W)x101(H)mm
	Enclosure Material	ABS Plastics
	Weight	350g
	Charge Terminal	T1/T2
	Discharge Terminal	T1/T2

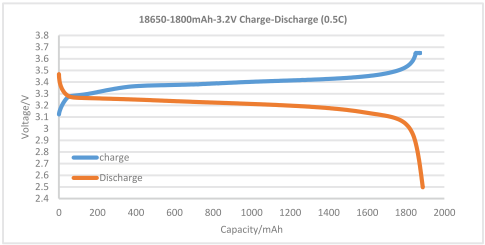
Dimension



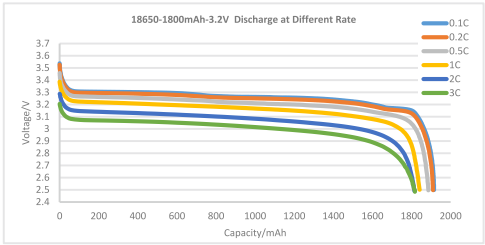
Application

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

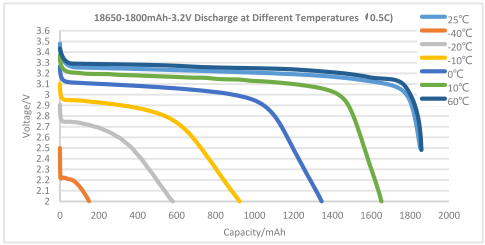
Cell Charge & Discharge at 0.5C @25°C



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

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