

R/C Lithium-Iron-Phosphate (LiFePO₄) Specification

Model: **LF93589**

6.6V 2000mAh

Specifications



Item	(mm)	(inch)
Dimension	Thickness	33.8 ± 2.0 / 1.33 ± 0.08
	Width	30.0 ± 1.0 / 1.18 ± 0.04
	Length	55.0 ± 2.0 / 2.17 ± 0.08
Weight	Gram	Approx.91
	Ounce	Approx.3.21

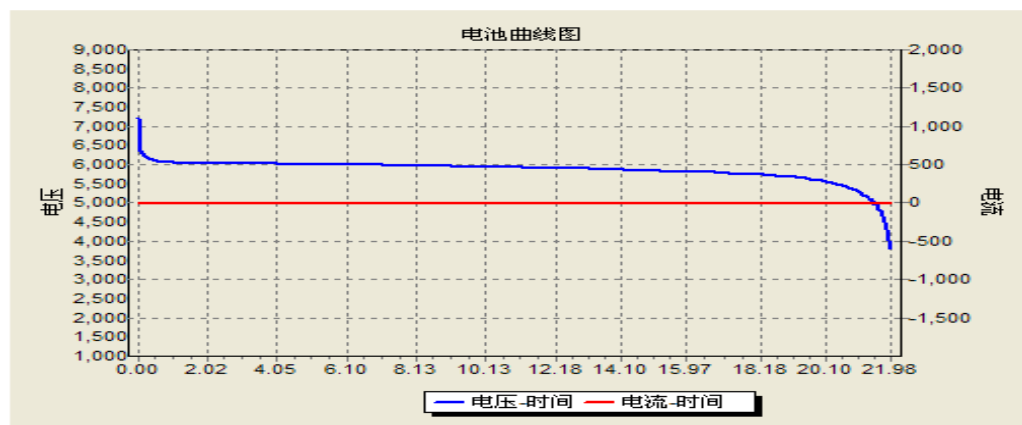
Nominal Capacity ⁽¹⁾		2000mAh
Nominal Voltage ⁽²⁾		6.6V
Impedance at 1khz		Max. 60m Ω
Charge	Current	Max.1A (0.5C)
	Voltage	Max. 7.7V
Discharge	Continuous Current	Max. 6.0A(3C)
	Burst Current	Max. 12.0A(6C)
	Voltage cut-off	4.0V
Cycle Life	0.2C/0.2C	1000 cycle
80% Retention		
Self-discharge		<8% per month
Operating Temperature Range	Charge	0°C~45°C
	Discharge	-20°C~60°C
	Storage	-20°C~40°C

(1) Nominal capacity (average discharge capacity): discharge current 0.2C, end of voltage 4.0V, temperature 23 ± 2°C.

(2) Nominal voltage (average discharge voltage): discharge current 0.2C, end of voltage 4.0V, temperature 23 ± 2°C.

Rate Discharge Characteristics (12A)

Step	Cycle	Situation	OPV	Cut-Off	Durration	ADV	Current	Capacity	Power
			mv	mv	min	mv	A	AH	WH
1	0	CC	7219	3806	21.98	5857.75	-4.51	1.65	9.68



The information in this document is based on documents issued in October, 2009 at the latest. The information is subject to change without notice. For actual design-in refer to the latest publication of data sheet, etc., the most up-date specifications of the device.