

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

Model: **LF93541**

6.6V 1600mAh

Specifications



Item		(mm)	(inch)
Single Dimension	Thickness	17.5 max	0.69max
	Width	28 max	1.1max
	Length	88max	3.46max
Weight (pack)	Gram	Approx. 71	
	Ounce	Approx. 2.52	

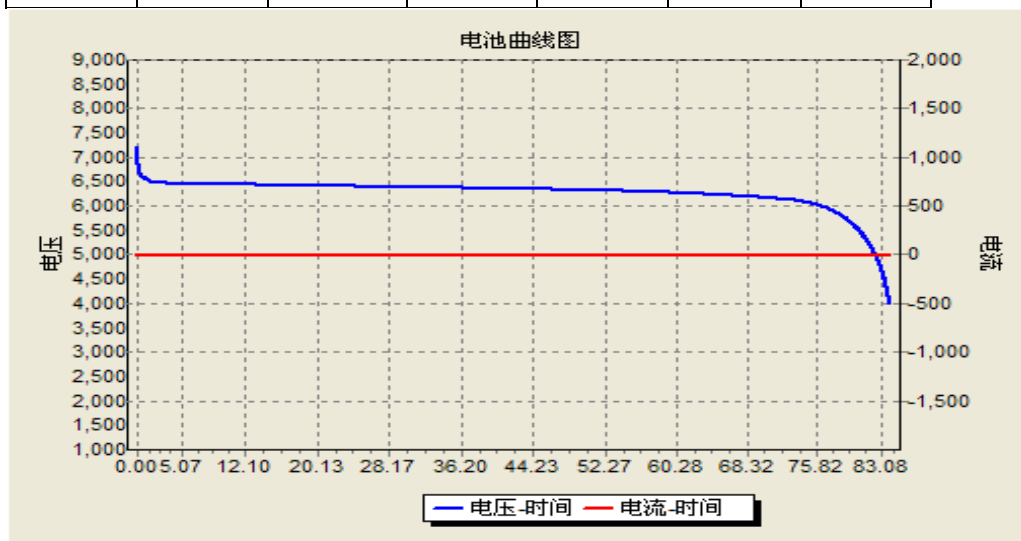
Nominal Capacity ⁽¹⁾		1600mAh
Nominal Voltage ⁽²⁾		6.6V
Impedance at 1kHz		Max. 40mΩ
Charge	Current	Max. 0.8A (0.5C)
	Voltage	Max. 7.7V
Discharge	Continuous Current	Max. 4.8A (3C)
	Voltage cut-off	4.0V
Cycle Life	0.2C/0.2C	1000 cycle
80% Retention	1C/5C	50 cycle
Self-discharge		<8% per month
Operating 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 0.5C, end of voltage 4.0V, temperature 23±2°C.

(2) Nominal voltage (average discharge voltage): discharge current 0.5C, end of voltage 4.0V, temperature 23±2°C.

Rate Discharge Characteristics

OPV	Cut-Off	Duration	ADV	Current	Capacity	Power
mv	mv	min	mv	A	AH	WH
7222	3987	84.08	6254.10	-1.00	1.40	8.76



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.