


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

Model: **LF93572**

6.6V 1000mAh

Specifications



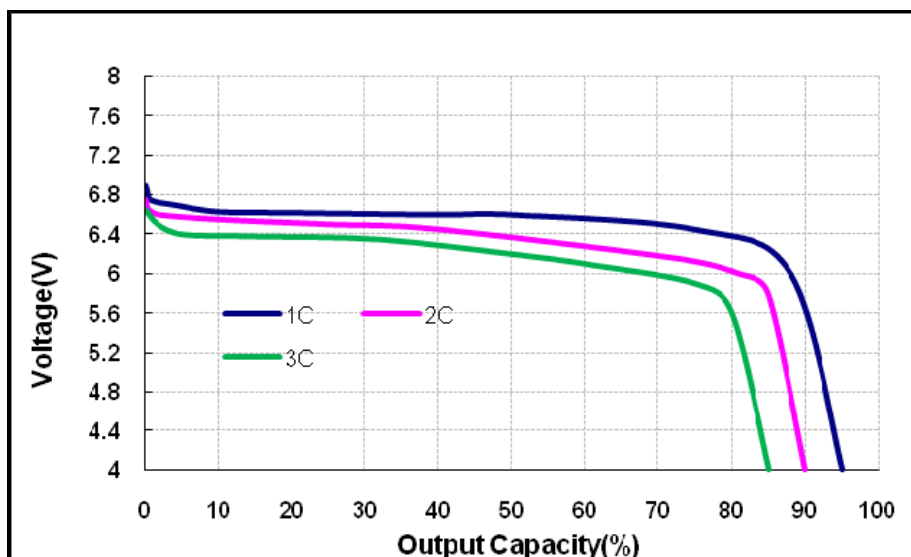
Item	(mm)	(inch)	
Dimension	Thickness	16.9±1.0	0.67±0.04
	Width	30.0±1.0	1.18±0.04
	Length	53.5±2.0	2.11±0.08
Weight	Gram	Approx.46	
	Ounce	Approx.1.62	

Nominal Capacity ⁽¹⁾		1000mAh
Nominal Voltage ⁽²⁾		6.6V
Impedance at 1kHz		Max. 40mΩ
Charge	Current	Max. 0.5A (0.5C)
	Voltage	Max. 7.7V
Discharge	Continuous Current	Max. 3.0A(3C)
	Burst Current	Max. 6.0A(6C)
	Voltage cut-off	4.0V
Cycle Life 80% Retention	0.2C/0.2C	1000 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 0.2C, 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



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.