



LiFe (Lithium-Iron-Phosphate) Airsoft Battery Specification

Model: **LF94159Tm1**

3S1P-9.9V 1600mAh/25C

Specifications



Nominal Capacity ⁽¹⁾		1600mAh
Nominal Voltage ⁽²⁾		9.9V
Impedance at 1kHz		Max. 40mΩ
Charge	Current	Max. 1.6A (1C)
	Voltage	Max. 11.55V
Discharge	Continuous Current	Max.40.0A(25C)
	Burst Current	Max.80.0A(50C)
	Voltage cut-off	6.0 V
Cycle Life	0.2C/0.2C	1000 cycle
	80% Retention 0.2C/20.0C	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

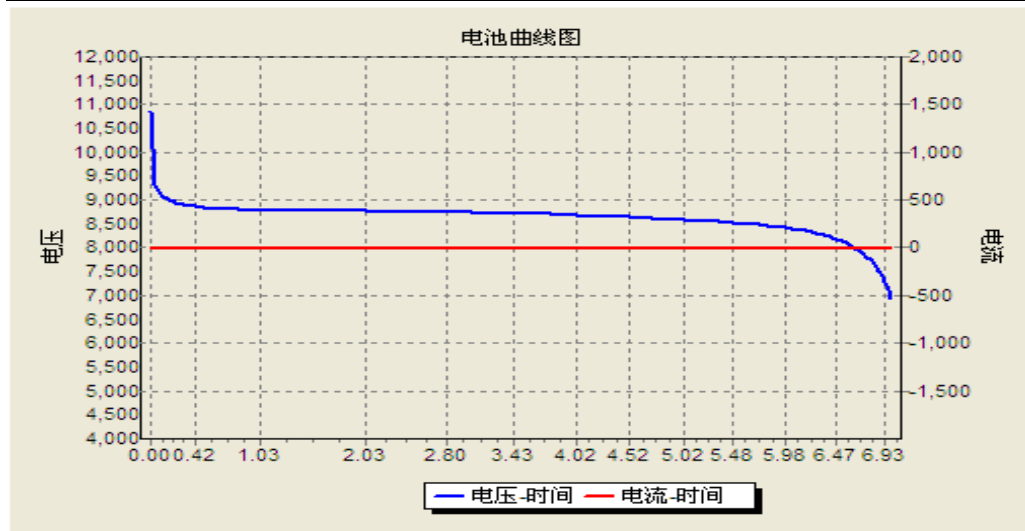
Item		(mm)	(inch)
Dimension	Thickness	17.5±0.2	0.69±0.01
	Width	34.5±0.5	1.36±0.02
	Length	104.5±0.5	4.11±0.02
Weight	Gram	Approx.121	
	Ounce	Approx. 4.29	

(1) Nominal capacity (average discharge capacity): discharge current 0.2C, end of voltage 6.0V, temperature 23±2°C.

(2) Nominal voltage (average discharge voltage): discharge current 0.2C, end of voltage 6.0V, temperature 23±2°C.

High Rate Discharge Characteristics (12A)

Step	Cycle	Situation	OPV	Cut-Off	Duration	ADV	Current	Capacity	Power
			mv	mv	min	mv	A	AH	WH
1	0	CC	10851	6943	6.98	8626.16	-12.02	1.40	12.07



The information in this document is based on documents issued in September, 2010 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.