


R/C Li-ion Battery Specification

Model: **RD400**

Li-ion/18650/7.4V 4000mAh/30C/29Wh

Specifications



Item		(mm)	(inch)
Pack Dimension	Thickness	24.9±0.2	0.98±0.01
	Width	46.2±0.5	1.81±0.02
	Length	136.5±0.5	5.37±0.02
Weight	Gram	Approx. 230	
	Ounce	Approx. 8.15	

Nominal Capacity ⁽¹⁾		4000mAh
Nominal Voltage ⁽²⁾		7.4V
Impedance at 1kHz		Max. 22mΩ
Charge	Current	Max. 4.0A (1C)
	Voltage	Max. 8.5V
Discharge	Continuous Current	Max. 40.0A(10C)
	Burst Current	Max. 120.0A(30C)
	Voltage cut-off	6.0V
Cycle Life	1C/1C	200 cycle
	80% Retention 1C/50C	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

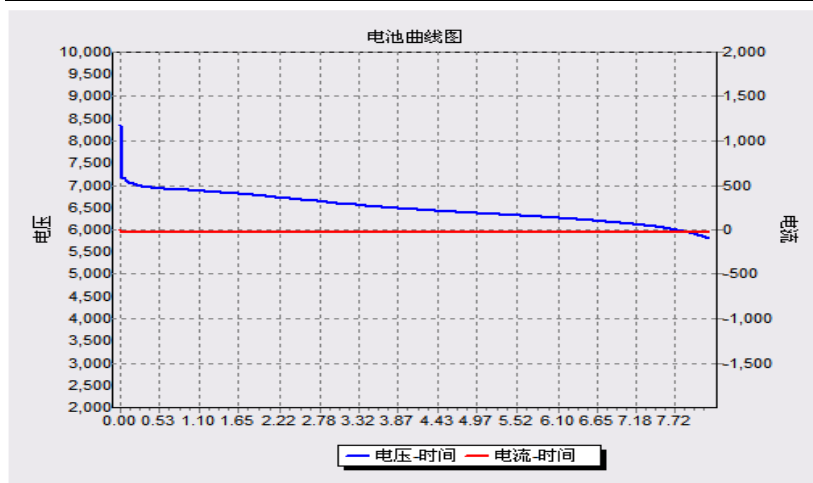
(1) Nominal capacity (average discharge capacity): discharge current 0.5C, end of voltage 6.0V, temperature 23±2°C.

(2) Nominal voltage (average discharge voltage): discharge current 0.5C, end of voltage 6.0V, temperature 23±2°C.

High Rate Discharge Curves

30A Discharge

Step	Cycle	Situation	OPV mv	Cut-Off mv	Duration min	ADV mv	Current A	Capacity AH	Power WH
1	0	CC	8360	5796	8.20	6485.41	-30.09	4.11	26.67



The information in this document is based on documents issued in February, 2019 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.