

Model: **VP93831**

7.4V 2000mAh/25C

Specifications



Item		(mm)	(inch)
Pack Dimension	Thickness	17.0-1.0	0.67-0.04
	Width	34.0-0.5	1.34-0.04
	Length	86.5 ± 2.0	3.41 ± 0.08
Weight	Gram	Approx. 103	
	Ounce	Approx. 3.63	

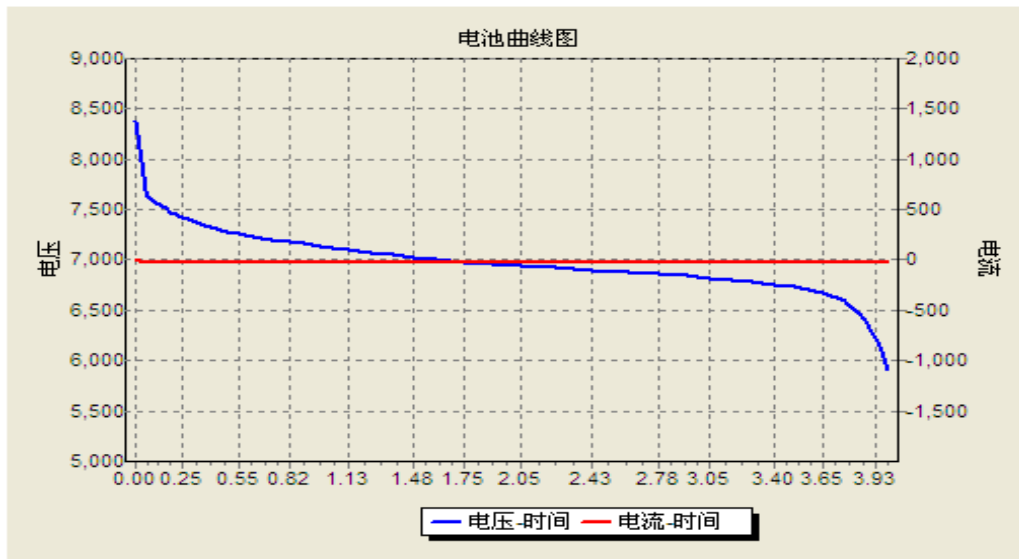
Nominal Capacity ⁽¹⁾		2000mAh
Nominal Voltage ⁽²⁾		7.4V
Impedance at 1kHz		Max. 8mΩ
Charge	Current	Max. 4.0A (2C)
	Voltage	Max. 8.5V
Discharge	Continuous Current	Max. 50.0A(25C)
	Burst Current	Max.100.0A(50C)
	Voltage cut-off	6.0V
Cycle Life	1C/1C	200 cycle
80% Retention	1C/25C	50 cycle
Self-discharge		<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)

OPV	Cut-off	Duration	ADV	Current	Capacity	Power
mv	mv	min	mv	A	AH	WH
8375	5903	4.00	6977.06	-30.08	2.01	13.99



The information in this document is based on documents issued in February, 2011 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.