

Model: **VP98768**

2S/ 7.6V 5500mAh/ 110C/ 41.8Wh

Specifications



Item		(mm)	(inch)
Pack Dimension	Thickness	25.0-0.2	0.984-0.015
	Width	47-0.2	1.85-0.02
	Length	96-0.5	3.78-0.02
Weight	Gram	Approx. 213	
	Ounce	Approx. 7.55	

Nominal Capacity ⁽¹⁾		5500mAh
Nominal Voltage ⁽²⁾		7.6V
Impedance at 1kHz		Max. 5.0mΩ
Charge	Current	Max. 11.0A (2C)
	Voltage	Max. 8.7V
Discharge	Continuous Current	Max. 605A(110C)
	Burst Current	Max. 715A(130C)
	Voltage cut-off	6.0V
Cycle Life 80% Retention	1C/1C	200 cycle
	1C/ 65C	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

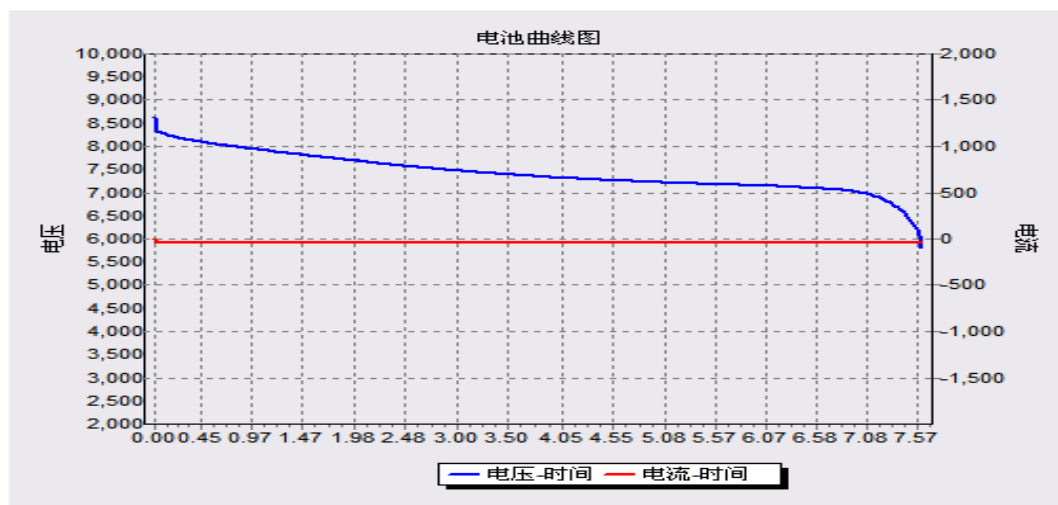
(1)Nominal capacity (average discharge capacity): discharge current 0.5C, end of voltage 6.0V, temperature 23±2°C.

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

High Rate Discharge Curves

40A Discharge

OPV	Cut-Off	Duration	ADV	Current	Capacity	Power
mv	mv	min	mv	A	AH	WH
8643	5820	7.62	7427.56	-40.13	5.09	37.84



The information in this document is based on documents issued in February, 2018 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.