

Model: **VP99475**

2S/ 7.6V/ 6000mAh/ 60C/ 45.6Wh

Specifications



Item		(mm)	(inch)
Pack Dimension	Thickness	22.7-0.1	0.89-0.01
	Width	47.0-0.1	1.85-0.01
	Length	138.5 ± 0.5	5.45 ± 0.02
Weight	Gram	Approx. 262	
	Ounce	Approx. 9.26	

Nominal Capacity ⁽¹⁾		6000mAh
Nominal Voltage ⁽²⁾		7.6V
Impedance at 1kHz		Max. 3.5m Ω
Charge	Current	Max. 12A (2C)
	Voltage	Max. 8.7V
Discharge	Continuous Current	Max. 360.0A(60C)
	Burst Current	Max. 600.0A(100C)
	Voltage cut-off	6.0V
Cycle Life	1C/1C	200 cycle
	80% Retention 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

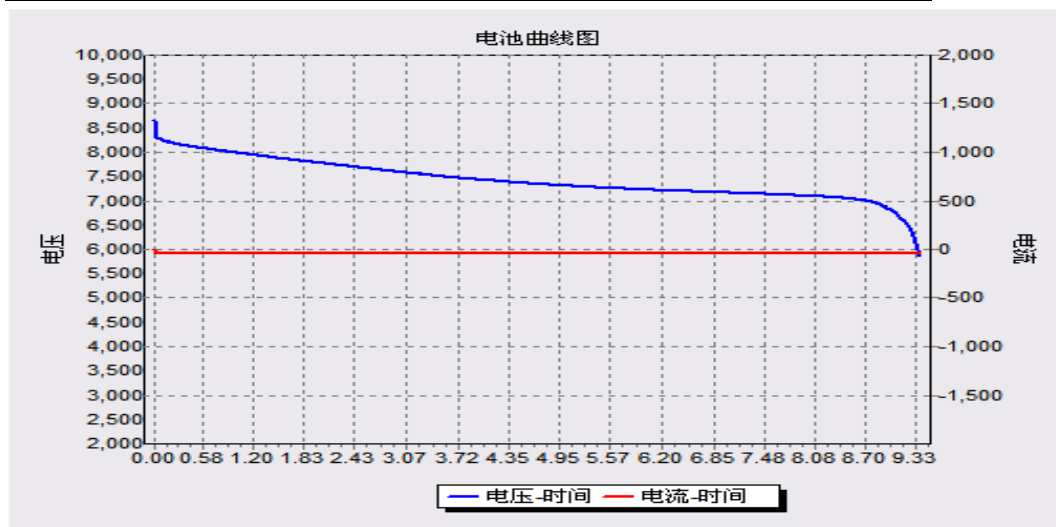
(1) Nominal capacity (average discharge capacity): discharge current 0.5C, end of voltage 6.0V, temperature 23 ± 2°C.

(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
8664	5873	9.37	7428.25	-40.13	6.26	46.54



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.