

Model: PS5200 -2S

Specifications

			
Item		(mm)	(inch)
Pack Dimension	Thickness	24.0 ± 0.5	0.94 ± 0.02
	Width	46.5 ± 0.5	1.83 ± 0.02
	Length	137.5 ± 0.5	5.41 ± 0.02
Weight	Gram	Approx. 270.0	
	Ounce	Approx. 9.52	

Nominal Capacity ⁽¹⁾		5200mAh
Nominal Voltage ⁽²⁾		7.4V
Impedance at 1kHz		max. 5.0mΩ
Charge	Current	max. 10.4A (2C)
	Voltage	max. 8.44V
Discharge	Continuous Current	Max. 130A(25C)
	Burst Current (3s)	Max. 260A(50C)
	Voltage cut-off	6.0V
Cycle Life	1C/1C	500 cycle
	1C/25C	100 cycle
Self-discharge		<5% per month
Operating Temperature Range	Charge	0°C~45°C
	Discharge	-20°C~60°C
	Storage	-20°C~40°C

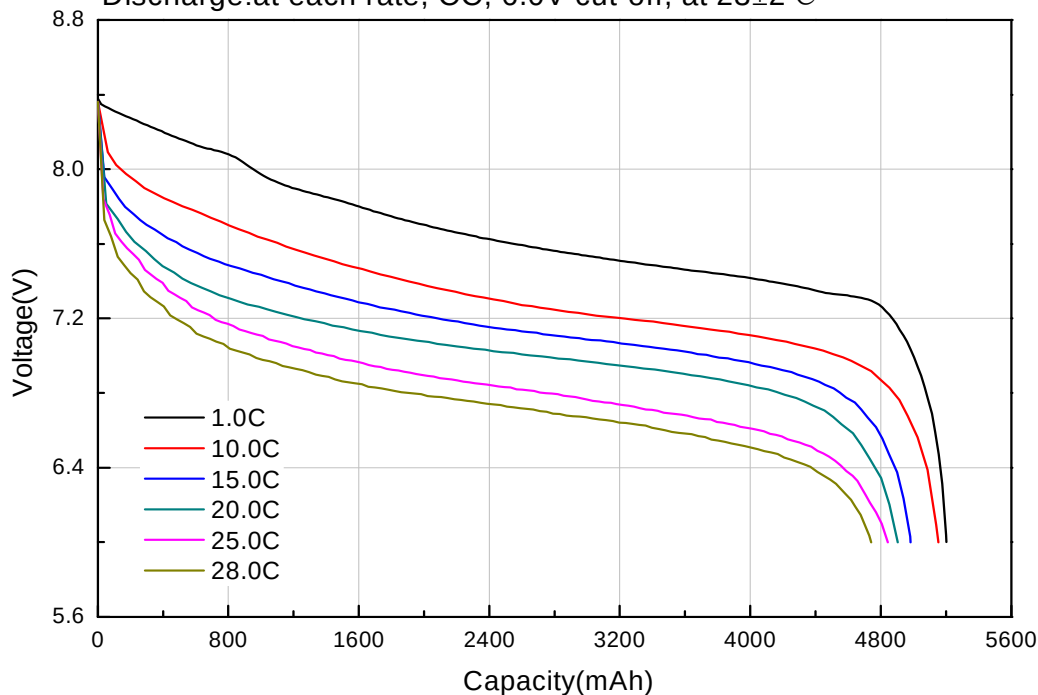
(1) Nominal capacity (average discharge capacity): discharge current 1.0C, end of voltage 6.0V, temperature $23 \pm 2^\circ\text{C}$.

(2) Nominal voltage (average discharge voltage): discharge current 1.0C, end of voltage 6.0V, temperature $23 \pm 2^\circ\text{C}$.

Rate Discharge Characteristics

Charge: 5200mA, 8.4V(CC-CV), 50mA cut-off, at $23 \pm 2^\circ\text{C}$

Discharge: at each rate, CC, 6.0V cut-off, at $23 \pm 2^\circ\text{C}$



The information in this document is based on documents issued in March, 2008 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.