

Model: CPE5000-2S2P

Specifications



Item		(mm)	(inch)
Pack Dimension	Thickness	24.0 ± 1.0	0.94 ± 0.04
	Width	46.0 ± 1.0	1.81 ± 0.04
	Length	138.0 ± 1.0	5.43 ± 0.04
Weight	Gram	Approx. 295.0	
	Ounce	Approx. 10.23	

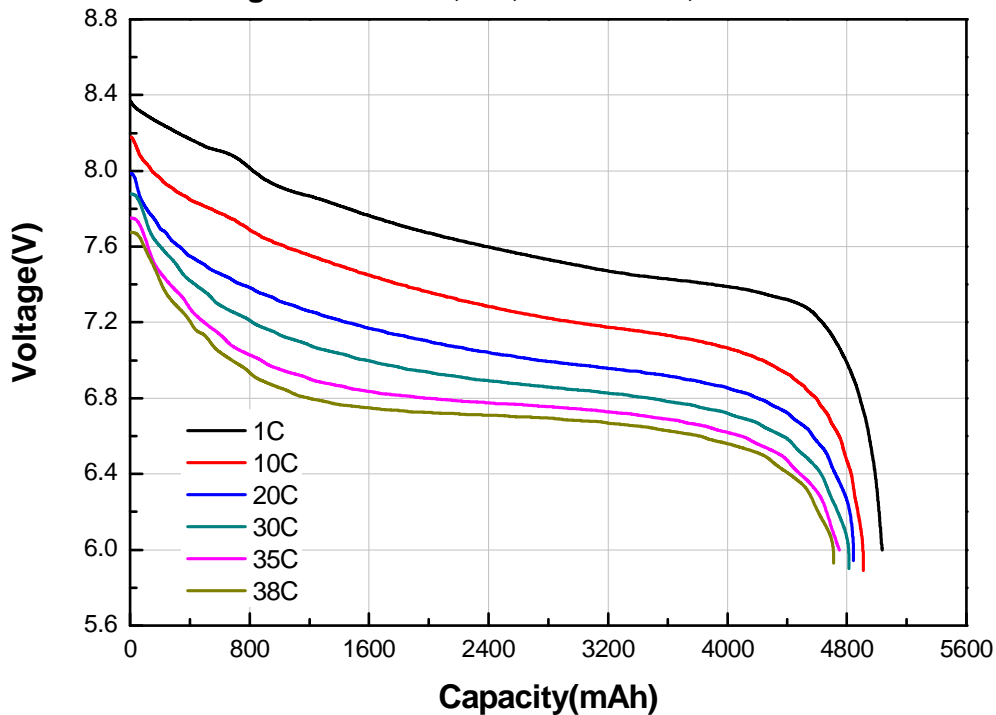
Nominal Capacity ⁽¹⁾		5000mAh
Nominal Voltage ⁽²⁾		7.4V
Impedance at 1kHz		Max. 10mΩ
Charge	Current	Max. 10.0A (2C)
	Voltage	Max. 8.5V
Discharge	Continuous Current	Max. 175.0A(35C)
	Burst Current	Max. 350.0A(70C)
	Voltage cut-off	6.0V
Cycle Life	1C/1C	200 cycle
80% Retention	1C/35C	50 cycle
Self-discharge		<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.

Rate Discharge Characteristics

Charge: 5000mA, 8.4V(CC-CV), 50mA cut-off, at 23 ± 2°C
Discharge: at each rate, CC, 6.0V cut-off, at 23 ± 2°C



The information in this document is based on documents issued in March, 2009 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.