Lithium ion Polymer (LP) Battery Individual Data Sheets

<u>LP-503448</u> have a combination of high energy density, super light and ultra thin. It's a perfect power source solution for mobile phone (such as Nokia® 3310/3330), small PDAs and other handheld device..

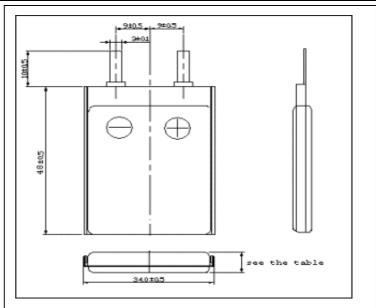
Specifications

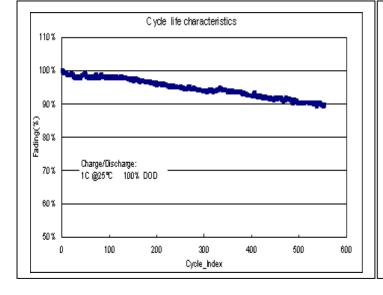
Nominal voltage	3.7V	Cut-off volt	age	3.0V	
Standard charge metho	Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.05C				
Max. charge current	1C	Max. discharge current		1.5C	
Standard charge	0.5C×5hrs	Rapid charge		1C ×2.5hrs	
		°C		°F	
0	Charging	0℃ ~45℃		32°F ~ 113°F	
Operating temperatur	Discharging	-20℃ ~60℃		-4°F ~ 140°F	
	Storage	-20℃ ~45℃		-4°F ~ 113°F	
Cycle Life ≥500 Cy	fe ≥500 Cycles (@0.5C discharge, 23°C) S		Residual capacity>90% (@25 $^{\circ}$ 2 $^{\circ}$ 30 days)		

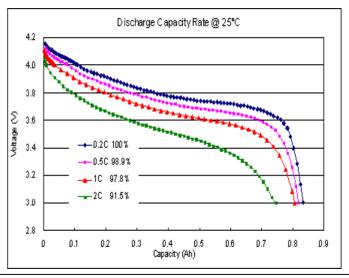
Remark:

Cell Dimension

	mm	inch			
Length	48.0 ± 0.5	1.89 ± 0.02			
Width	34.0 ± 0.5	1.34 ± 0.02			
Thickness	Max. 5.20	Max. 0.20			







^{*1 @ 0.2}C discharge, 23°C

^{*2} Impedance is measured at AC 1KHz after Standard Charge.

^{*3} Cell weight is the approximate value for reference.