Lithium ion Polymer (LP) Battery Individual Data Sheets

<u>LP-623448</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..

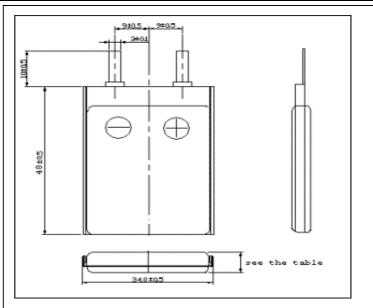
Specifications

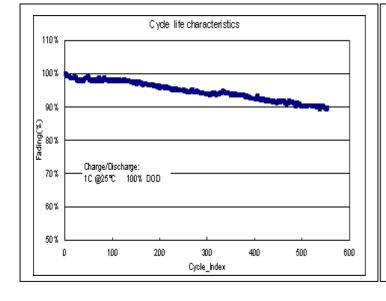
Nominal voltage		3.7V	Cut-off voltage		3.0V	
Standard charge method		Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.05C				
Max. charge current		1C	Max. discharge current		1.5C	
Standard charge		0.5C×5hrs	Rapid charge		1C ×2.5hrs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

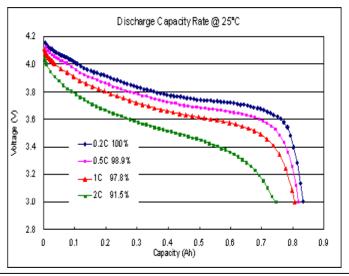
Remark:

Cell Dimension

	mm	inch
Length	48.0 ± 0.5	1.89 ± 0.02
Width	34.0 ± 0.5	1.34 ± 0.02
Thickness	Max. 6.40	Max. 0.25







^{*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.