Lithium ion Polymer (LP) Battery Individual Data Sheets

<u>LP-503048</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® 8210/8250), small PDAs and other handheld device.

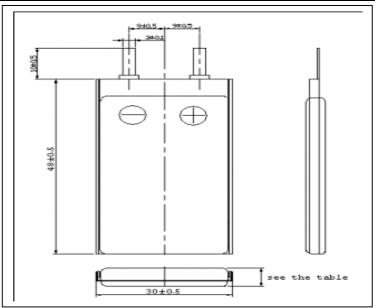
Specifications

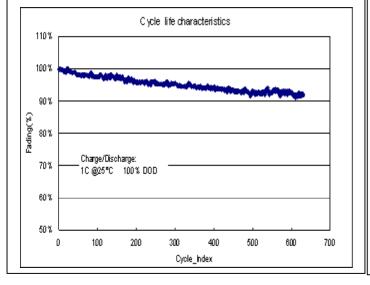
Nominal voltage		3.7V	Cut-off voltage		3.0V
Standard charge med	method Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.05C				
Max. charge current		1C	Max. discharge current		1.5C
Standard charge		0.5C×5hrs	Rapid charge		1C ×2.5hrs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

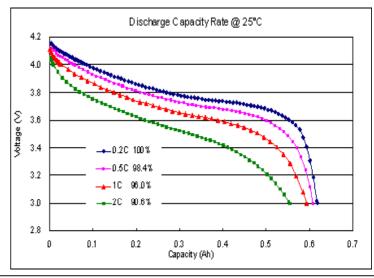
Remark:

Cell Dimension

	mm	inch				
Length	48.0 ± 0.5	1.89 ± 0.02				
Width	30.0 ± 0.5	1.18 ± 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.