## Lithium ion Polymer (LP) Battery Individual Data Sheets

<u>LP-383048</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.

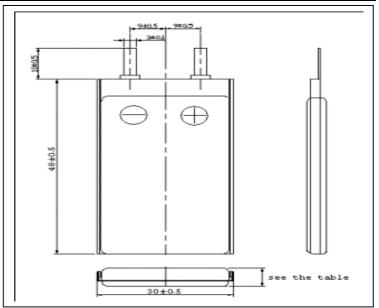
## **Specifications**

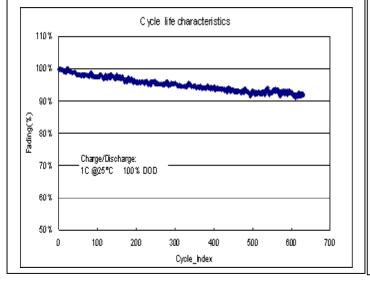
Nominal voltage	Nominal voltage 3.7V Cut-		Cut-off volt	tage	3.0V
Standard charge med	andard charge method Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.05C				0.5C and then with constant
Max. charge current		1C	Max. discharge 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 €	ycle	s (@ <b>0.5</b> C discharge, 23℃)	Self-discharge	Residual ℃, 30 da	capacity>90% (@25℃±2 lys)

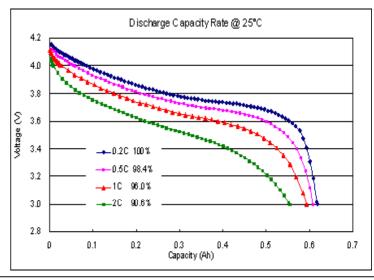
## Remark:

## **Cell Dimension**

	mm	inch
Length	$48.0 \pm 0.5$	$1.89 \pm 0.02$
Width	$30.0 \pm 0.5$	$1.18 \pm 0.02$
Thickness	Max. 3.90	Max. 0.15







<sup>\*1 @ 0.2</sup>C discharge, 23°C

<sup>\*2</sup> Impedance is measured at AC 1KHz after Standard Charge.

<sup>\*3</sup> Cell weight is the approximate value for reference.