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

<u>LP-305085</u> have a combination of high energy density, super light and ultra thin. It's a perfect power source solution for PDAs, Web pad and other handheld device.

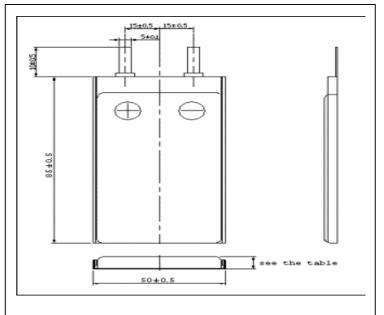
## **Specifications**

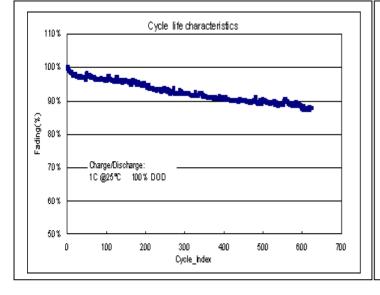
Nominal voltage		3.7V	Cut-off voltage		3.0V	
Standard charge method		Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.05C				
Max. charge current		1C	Max. discharge current		1.5C	
Standard charge		0.5C×5hrs	Rapid charge		1C ×2.5hrs	
Operating temperature			${\mathbb C}$		°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	s (@0.5C discharge, 23℃)	Self-discharge	Residual capacity>90% (@25 $^{\circ}$ 2 $^{\circ}$ 2, 30 days)		

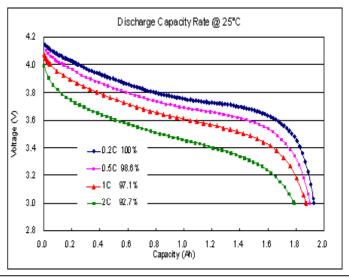
## Remark:

## **Cell Dimension**

	mm	inch				
Length	$85.0 \pm 0.5$	$3.15 \pm 0.02$				
Width	$50.0 \pm 0.5$	$1.97 \pm 0.02$				
Thickness	Max. 3.20	Max. 0.13				







<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.