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

<u>LP-432648</u> have a combination of high energy density, super light and ultra thin. It's a perfect power source solution for camcorder, mobile phone, small PDAs and other handheld device.

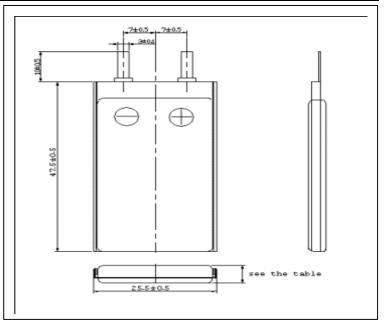
## **Specifications**

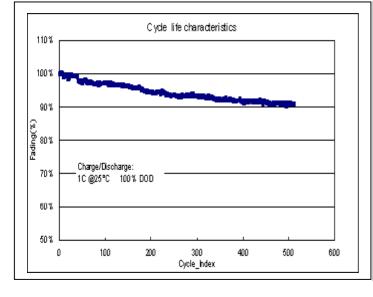
Nominal voltage		3.7V	Cut-off voltage		3.0V	
Standard charge method		Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.05C				
Max. charge current		1C	Max. discharge current		1.5C	
Standard charge		0.5C×5hrs	Rapid charge		1C ×2.5hrs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

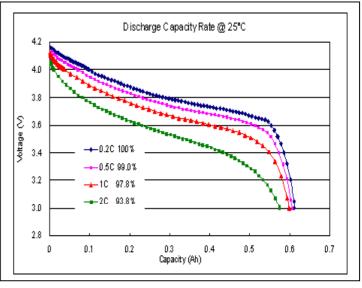
## Remark:

## **Cell Dimension**

	mm	inch
Length	$47.5 \pm 0.5$	$1.87 \pm 0.02$
Width	$25.5 \pm 0.5$	$1.00\pm0.02$
Thickness	Max. 4.50	Max. 0.18







<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.