Lithium ion Polymer (LP) Battery Individual Data Sheets

<u>LP-435085</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.

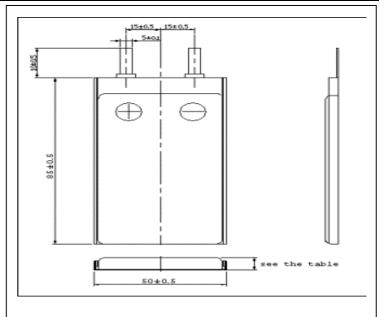
Specifications

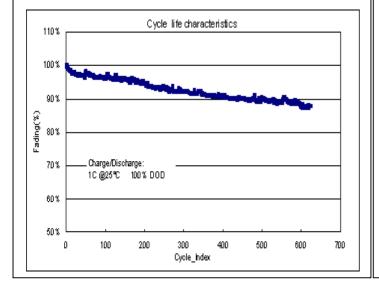
Nominal voltage	ominal voltage 3.7V Cut-off voltage		tage	3.0V		
Standard charge med	ıod	Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.05C				
Max. charge current		1C	Max. discharge current		1.5C	
Standard charge		0.5C×5hrs	Rapid 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 €	ycle	s (@ 0.5 C discharge, 23℃)	Self-discharge	Residual ℃, 30 da	capacity>90% (@25℃±2 lys)	

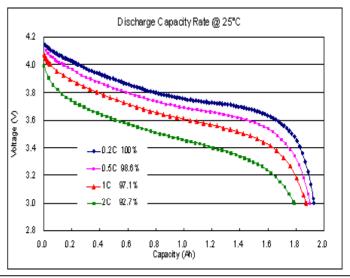
Remark:

Cell Dimension

	mm	inch
Length	85.0 ± 0.5	3.15 ± 0.02
Width	50.0 ± 0.5	1.97 ± 0.02
Thickness	Max. 4.50	Max. 0.18







 $^{^{*1}}$ @ 0.2C discharge, 23°C

^{*2} Impedance is measured at AC 1KHz after Standard Charge.

^{*3} Cell weight is the approximate value for reference.