Lithium ion Polymer (LP) Battery Individual Data Sheets

<u>LP-3878105</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.

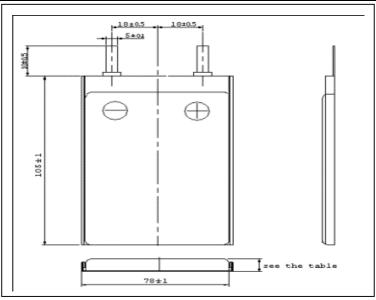
Specifications

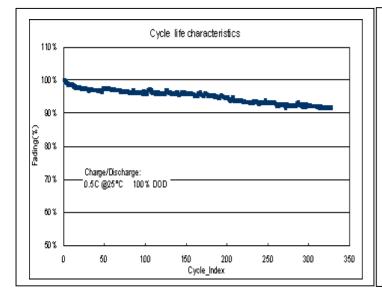
Nominal voltage	3.7V	Cut-off voltage		3.0V	
Standard charge metho	Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.05C				
Max. charge current	1C	Max. discharge current		1.5C	
Standard charge	0.5C×5hrs	Rapid charge		1C ×2.5hrs	
		${\mathbb C}$		°F	
0	Charging	0°C ~45°C		32°F ~ 113°F	
Operating temperatur	Discharging	-20℃ ~60℃		-4°F ~ 140°F	
	Storage	-20℃ ~45℃		-4°F ~ 113°F	
Cycle Life ≥500 Cy	les (@0.5C discharge, 23℃)	Self-discharge Residual capacity>90% (@25 $^{\circ}$ $^{\circ}$ 2 $^{\circ}$ 30 days)			

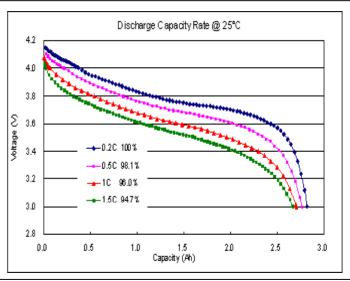
Remark:

Cell Dimension

	mm	inch
Length	105 ± 1	4.13 ± 0.04
Width	78±1	3.07 ± 0.04
Thickness	Max. 3.90	Max. 0.15







^{*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.