Lithium ion Polymer (LP) Battery Individual Data Sheets

<u>LP-502648</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.

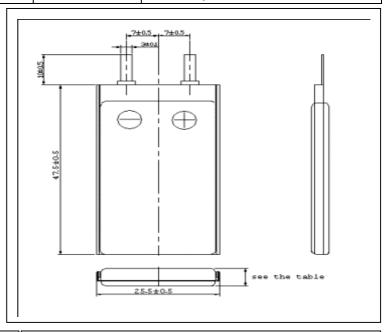
Specifications

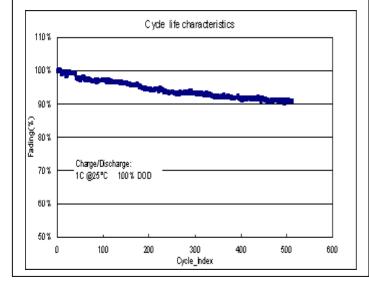
Nominal voltage		3.7V	Cut-off voltage		3.0V
Standard charge method		Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.05C			
Max. charge current		1C	Max. discharge current		1.5C
Standard charge		0.5C×5hrs	Rapid charge		1C ×2.5hrs
Operating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

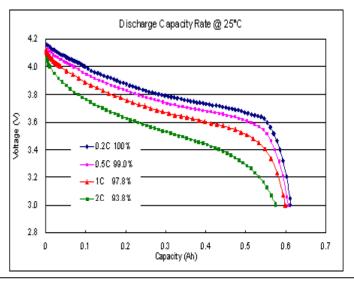
Remark:

Cell Dimension

	mm	inch
Length	47.5 ± 0.5	1.87 ± 0.02
Width	25.5 ± 0.5	1.00 ± 0.02
Thickness	Max. 5.20	Max. 0.20







^{*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.