Lithium ion Polymer (LP) Battery Individual Data Sheets

LP-433555 have a combination of high energy density, super light and ultra thin. It's a perfect power source solution for mobile phone , small PDAs and other handheld device..

Specifications

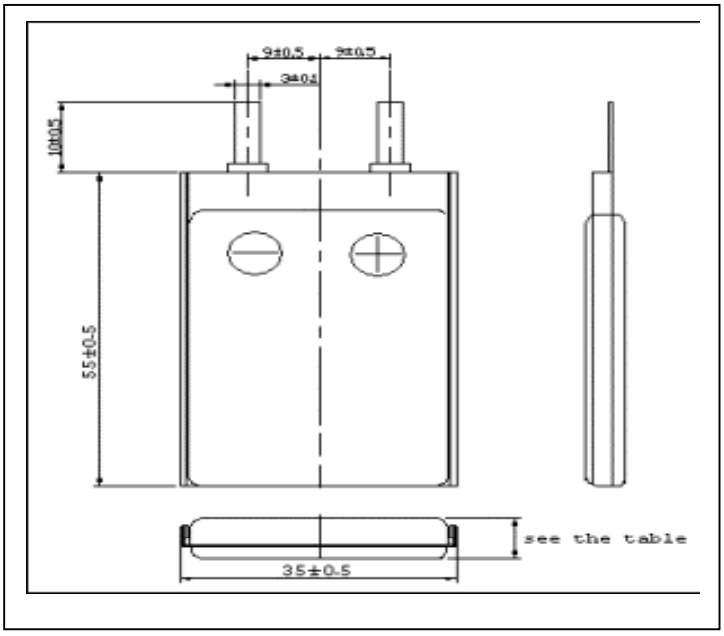
Nominal voltage	**3.7V**	**Cut-off voltage**	**3.0V**
Standard charge method	**Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current ＜0.05C**		
Max. charge current	**1C**	**Max. discharge current**	**1.5C**
Standard charge	**0.5C×5hrs**	**Rapid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

Remark:

[*1] @ 0.2C discharge, 23℃

[*2] Impedance is measured at AC 1KHz after Standard Charge.

[*3] Cell weight is the approximate value for reference.



Cell Dimension

	mm	inch
Length	**55.0 ± 0.5**	**2.17 ± 0.02**
Width	**35.0 ± 0.5**	**1.38 ± 0.02**
Thickness	**Max. 4.50**	**Max. 0.18**