

Model No. IE-655093 3.8Ah

Lithium-Ion Polymer Rechargeable Battery Data Sheet

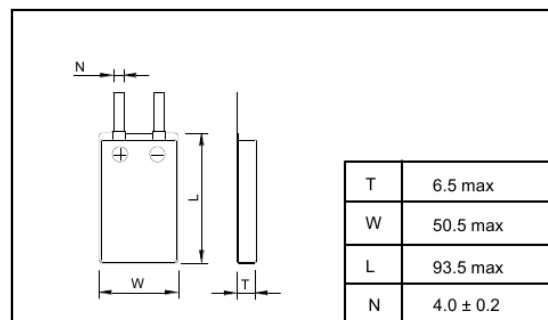
Electrical

Nominal Voltage:	3.7V
Nominal Capacity:	3800mAh (0.2C Discharge)
Minimal Capacity:	3700mAh (0.2C Discharge)
Standard Charge:	CC/CV: 4.2V / 760mA, 6hrs
Rapid Charge:	3800mA
Max. Charge Voltage:	4.20V $\pm$ 0.03V
Final Charge:	76mA
Max. Continuous Discharge:	Less than 3800mA
Final Discharge Voltage:	3.0V
Initial Internal Resistance:	$\leq$ 35m Ω
Weight:	73 g (Approx)
Service Life:	$\geq$ 400 cycles (80% Initial Capacity) (0.5C Charge / Discharge to 3.0V)
Ambient Temperature: Standard charge:	0~45 $^{\circ}$ C
	Discharge: -20~60 $^{\circ}$ C
Storage (65 $\pm$ 20% RH): Less than 30 days:	-20~45 $^{\circ}$ C
	Less than 90 days: -20~35 $^{\circ}$ C
	Less than 360 days: -20~25 $^{\circ}$ C

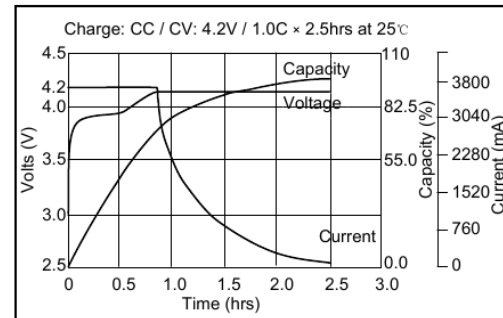
Note:

- * Capacity obtained after charge at a constant current 0.2C and a constant voltage 4.2V for 6hrs and discharge at 0.2C to 3.0V at 25 $^{\circ}$ C

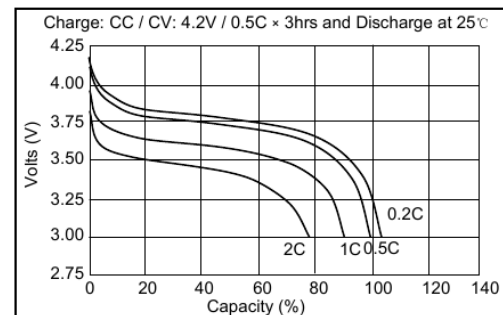
Dimensions (mm)



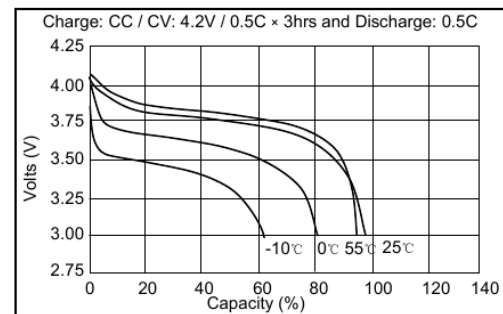
Charging Characteristics



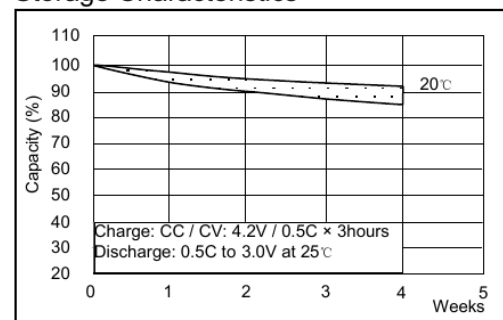
Discharge Characteristics (I)



Discharge Characteristics (II)



Storage Characteristics



All data contained herein is for single cell and may vary for cell with specific configuration, subject to change without prior notice.