1. Data Sheet[1]

Model Number: HCP-604050

2. Dimensions [mm]

Thickness (T)	Max. 6.0(delivery status)
	Max. 6.5 (after cycling)
Width (W)	Max. 40.5
Length (L)	Max. 50.5(without tabs)
Tab Distance (B)	21.0±2.0
Tab Length (A)	4.0±0.5
Tab Width (C)	4.0±0.2
Top Sealing Width (D)	3.0
Tab Sealant Height (E)	1.5mm for Ref.
Weight Approx. [g]	31.2g

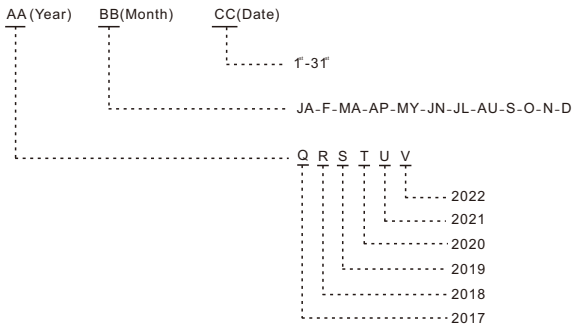
3. Electrical Parameter

Nominal Voltage [V]	3.7 (average)
Typical Capacity [mAh]	1370 (0.2C at 20°C)
Min. Capacity C [mAh]	1350(0.2C at 20°C)
Impedance Initial [mΩ]	<45 @ 1kHz at 4.2V
Max.Continuous Charge Current [mA]	0.5C (Standard 0.2C)
Max Peak Charge Current[mA]	1.0C (Standard 0.2C)
Max. Charge Voltage [V]	4.20
Max. Continuous Discharge Current [mA]	1.0C (Standard 0.2C)
Max Peak Discharge Current[mA]	2.0C,2-3ms (Standard 0.2C)
Discharge Cut off [V]	3.0
Life Expectancy 0.5C / 0.5C	>80% of capacity after 500 cycles @0.2C, 25°C
Operating Temperature [°C]	Charge: 0 to 45
	Discharge: -20 to 60
Storage Temperature	6 months at -10 to +35°C

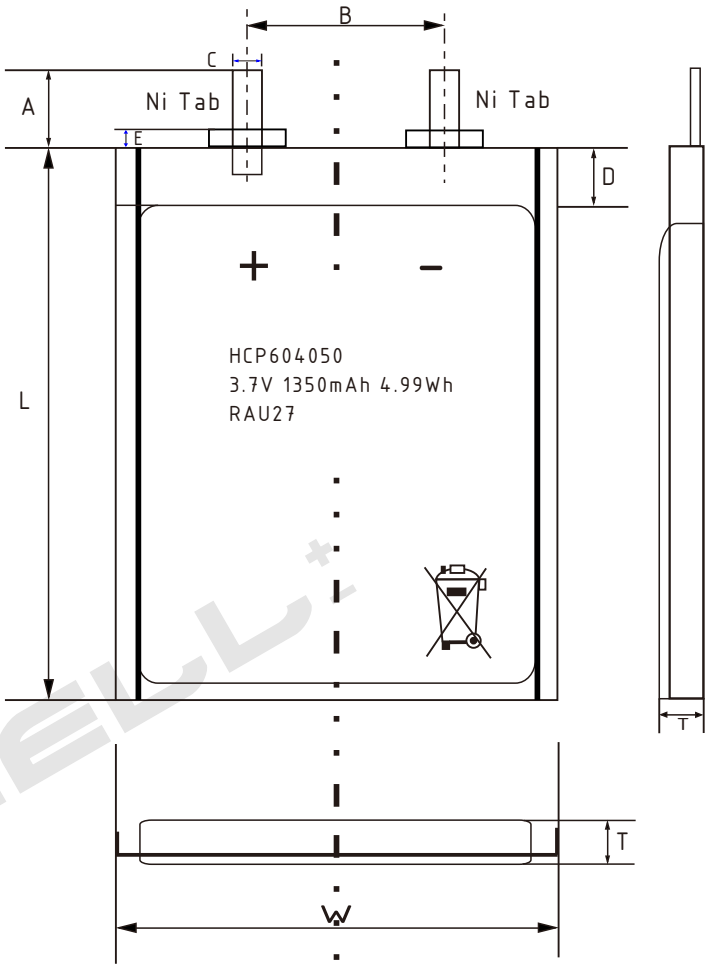
4. Delivery Status

Cell Voltage	3.7V-3.99V
Cell Capacity	50%-75%

5. Date Code Nomenclature



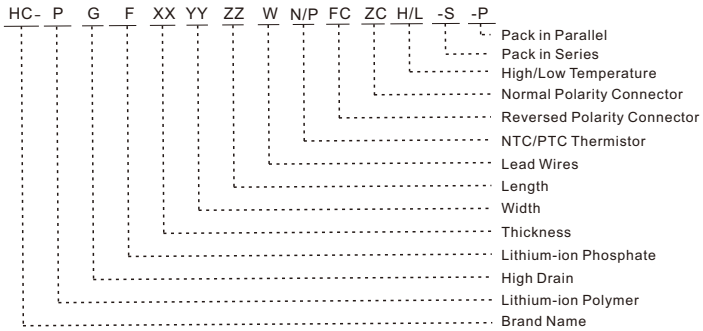
6. Mechanical Drawing (Not in Scale)



7. Safety Approvals

- Compliant with RoHS, CE, FCC, UN38.3, REACH,KC,PSE IEC62133(TUV-CB), UL1642/2054 & GB31241-2014

8. Model Nomenclature



1 Prior to read Honcell "Handling Precautions and Guidelines for Lithium-ion Polymer Rechargeable Batteries" subject to change without prior notice!

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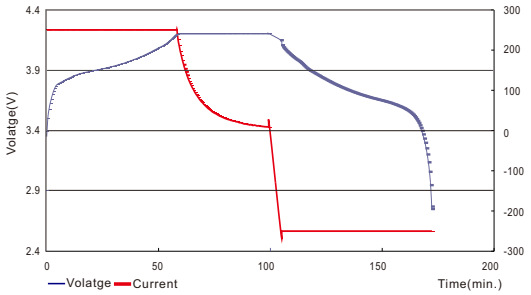
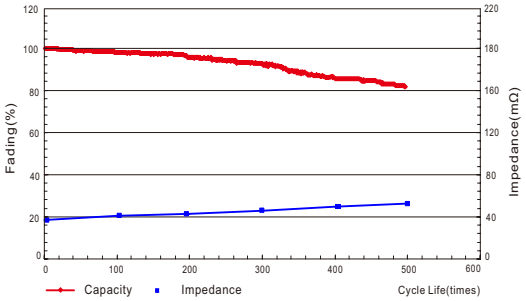
9. Curves

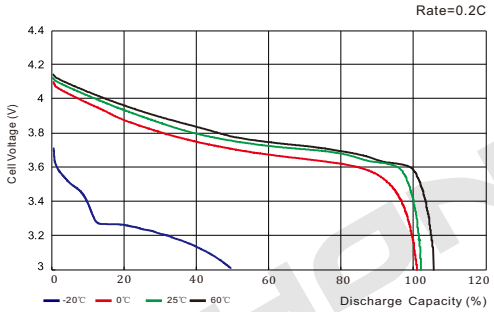
Charge & Discharge (25°C)



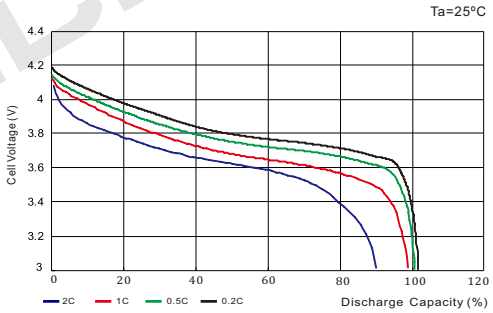
Cycle Life



Discharge Characteristics(Tempertature)



Discharge Characteristics (Rate)



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