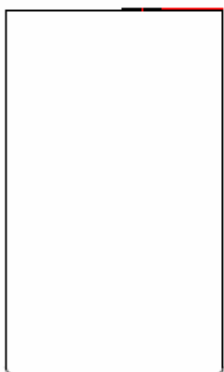
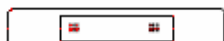


Preliminary Data Sheet ¹

Type Designation	LIP 523450 AJL
Type Number	56425
System	Li-Ion
UL Recognition	UL1642
Nominal Voltage [V]	3.7 (average)
Typical Capacity [mAh]	1100 (at C/5 from 4.2 V to 2.75 V at 20°C)
Minimum Capacity C [mAh]	1050 (at C/5 from 4.2 V to 2.75 V at 20°C)
Dimensions [mm]	
Width (d)	34.0 +0/-0.4
Thickness (th)	5.5 +0/-0.3
Height (h)	50.0 +0/-0.5
Weight, approx. [g]	23
Charging Method	Constant Current + Constant Voltage
Charge Voltage [V]	4.20 (+/- 50 mV)
Initial Charge Current [mA]	Standard Charge: 210 Rapid Charge: 1050
Charging Cut-Off (a) or b))	
a) by time [h]	Standard Charge: ≤8h Rapid Charge: 2.5
b) by min. current [mA]	C/50
Discharge Cut-Off voltage [V]	3.0
Max. Continuous Discharge Current [mA]	2100
Operating Temperature [°C]	Charge: 0 to 45 Discharge: -20 to 60
Storage Temperature ¹⁾	1 Year at -20 to 20°C 3 Month at -20 to 45°C
Impedance Initial [mΩ]	< 60 @ 1kHz
Life Expectancy 20°C [Cycles]	400 cycles 1C/1C ≥60 % of rated discharge capacity



¹⁾ Storage at initial cell voltage of 3.8 to 4.0 V/cell.