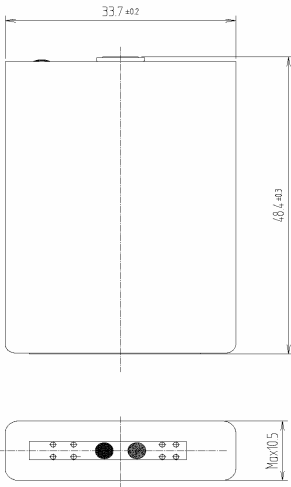


Data Sheet ¹

Type Designation	LIP 103450 RC
Type Number	56420
System	Li-Ion
UL Recognition	UL1642
Nominal Voltage [V]	3.7 (average)
Minimum Capacity [mAh]	1900 (at C/5 from 4.2 V to 2.75V at 20°C)
Typical Capacity C [mAh]	1950 (at C/5 from 4.2 V to 2.75V at 20°C)
Dimensions [mm]	
Width (d)	33.9 Max.
Thickness (th)	10.5 Max. (delivery status)
Height (h)	48.7 Max.
Weight, approx. [g]	40
Charging Method	Constant Current + Constant Voltage
Charge Voltage [V]	4.20 (+/- 50 mV)
Initial Charge Current [mA]	Standard Charge: 950
	Rapid Charge: 1615
Charging Cut-Off (a) or b))	
a) by time [h]	Standard Charge: 3
	Rapid Charge: 2.5
b) by min. current [mA]	95
Discharge Cut-Off voltage [V]	2.75
Max. Charge Current [mA]	1615
Max. Continuous Discharge Current [mA]	1900
Operating Temperature [°C]	Charge: 0 to 45
	Discharge: -20 to 60
Storage Temperature	1 Year at -20 to 20°C >80
Capacity Recovery Rate ²⁾ [%]	3 Month at -20 to 45°C >80
	1 Month at -20 to 60°C >80
Impedance Initial [mΩ]	< 60 @ 1kHz
Life Expectancy 20°C [Cycles]	300 cycles 0.5C/0.5C
	>80 % of min. capacity



²⁾ After storage at initial cell voltage of 3.7 to 3.9 V/cell; capacity C/5 measured at 20°C.

¹ Prior to use read Handling Precaution and Prohibitions for VARTA Li-Ion Batteries

Subject to change without prior notice !