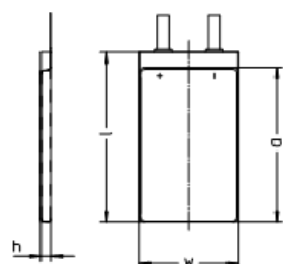


Data Sheet ¹⁾

Type Designation	LPP 402934 E
Type Number	56417
System	Li-Ion
UL Recognition	UL1642
Nominal Voltage	3.7 V
Nominal Capacity	310 mAh (at 0.2 C and 20 °C)
Minimum Capacity, C	300 mAh (at 0.2 C and 20 °C)
Dimensions	
Length (l)	34.2 mm Max. (without tabs)
Width (w)	29.2 mm Max.
Height (h)	4.0 mm Max. (full charge)
Weight, approx.	8.0 g
Charging Method	Constant Current + Constant Voltage
Charge Voltage	4.20 V (+/- 50 mV)
Initial Charge Current	Standard Charge: 150 mA Rapid Charge: 300 mA
Charging Cut-Off ((a) or b)	
a) by time	Standard Charge: 5 h Rapid Charge: 2.5 h
b) by min. current	0.05 C
Discharge Cut-Off voltage	3.0 V
Max. Continuous Discharge Current	600 mA
Operating Temperature	Charge: 0 °C to 45 °C Discharge: -20 °C to 60 °C
Storage Temperature	1 Month at 20 °C ± 5 °C ≥ 90%
Capacity Recovery Rate ²⁾	
Impedance Initial	≤ 150 mΩ @ 1 kHz at 4.2 V
Life Expectancy ³⁾	300 Cycles for ≥ 240 mAh



- 1) Prior to use read Handling Precaution and Prohibitions for VARTA Li-ion Batteries.
 2) After storage at initial cell voltage of 3.7 to 3.9 V / cell; capacity 0.2 C measured at 25 °C.
 3) Cell is to be charged at 1 C to 4.2 V with cutoff at 0.05 C, rested for 10 mins and discharged at 1 C with cutoff at 3.0 V, at 25 ± 5 °C