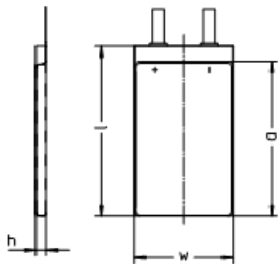


Data Sheet ¹⁾

	Type Designation	LPP 402025 CE
	Type Number	56416
	System	Li-Ion
	UL Recognition	UL1642
	Nominal Voltage	3.7 V
	Nominal Capacity	150 mAh (at 0.2 C and 20 °C)
	Minimum Capacity, C	140 mAh (at 0.2 C and 20 °C)
	Dimensions	
	Length (l)	25.5 mm Max. (without tabs)
	Width (w)	20.5 mm Max.
	Height (h)	4.3 mm Max.
	Weight, approx.	3.7 g
	Charging Method	Constant Current + Constant Voltage
	Charge Voltage	4.20 V (+/- 50 mV)
	Initial Charge Current	Standard Charge: 70 mA Rapid Charge: 140 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	280 mA
	Operating Temperature	Charge: 0 °C to 45 °C Discharge: -20 °C to 60 °C
	Storage Temperature	1 Month at 20 °C ± 5 °C ≥ 85%
	Capacity Recovery Rate ²⁾	
	Impedance Initial	≤ 180 mΩ @ 1 kHz at 4.2 V
	Life Expectancy ³⁾	300 Cycles for ≥ 112 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 20 °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