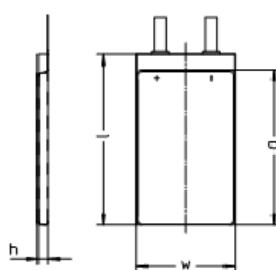


**Data Sheet <sup>1)</sup>**


Type Designation	LPP 3834508 TH
Type Number	56428
System	Li-Ion
UL Recognition	UL1642
Nominal Voltage	3.7 V
Nominal Capacity	830 mAh (at 0.2 C and 20°C)
Minimum Capacity, C	790 mAh (at 0.2 C and 20°C)
Dimensions	
Length (l)	50.0 mm Max. (without tabs)
Width (w)	34.0 mm Max.
Height (h)	3.85 mm Max.
Weight, approx.	15.5 g
Charging Method	Constant Current + Constant Voltage
Charge Voltage	4.20 V (+/- 50 mV)
Initial Charge Current	Standard Charge: 790 mA Rapid Charge: 1185 mA
Charging Cut-Off ((a) or b)	
a) by time	Standard Charge: 2.5 h Rapid Charge: 2.0 h
b) by min. current	50 mA
Discharge Cut-Off voltage	3.0 V
Max. Continuous Discharge Current	1580 mA
Operating Temperature	Charge: 0°C to 45°C Discharge: -10°C to 60°C
Storage Temperature	1 Year at -10°C to 25°C > 80%
Capacity Recovery Rate <sup>2)</sup>	3 Month at -10°C to 45°C > 80% 1 Month at -10°C to 45°C > 85%
Impedance Initial	< 70 mΩ @ 1 kHz at 4.2 V
Life Expectancy <sup>3)</sup>	500 Cycles for ≥ 532 mAh (0.2 C)

<sup>1)</sup> Prior to use read Handling Precaution and Prohibitions for VARTA Li-ion Batteries.

<sup>2)</sup> After storage at initial 50 % ~ 60 % status of charge; capacity 0.2 C measured at 20°C.

<sup>3)</sup> Cell is to be charged at 1 C to 4.2 V with cutoff at 50 mA, rested for 10 mins and discharged at 0.5 C with cutoff at 3.0 V, at 23 ± 2°C