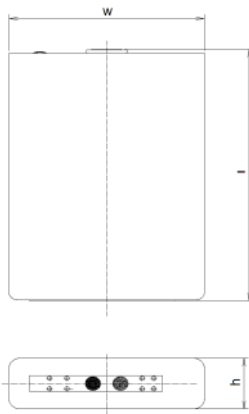


Data Sheet ¹⁾

Type Designation	LIP 423048 AJL
Type Number	56476
System	Li-Ion
UL Recognition	UL1642
Nominal Voltage	3.7 V
Nominal Capacity, C	720 mAh (at 0.2 C and 20 °C)
Minimum Capacity	700 mAh (at 0.2 C and 20 °C)



Dimensions	
Length (l)	48.0 mm Max.
Width (w)	29.8 mm Max.
Height (h)	4.5 mm Max.
Weight, approx.	15.1 g
Charging Method	Constant Current + Constant Voltage
Charge Voltage	4.20 V (+/- 50 mV)
Initial Charge Current	Standard Charge: 140 mA Rapid Charge: 700 mA
Charging Cut-Off ((a) or b)	
a) by time	Standard Charge: 8 h Rapid Charge: 2.5 h
b) by min. current	0.02 C
Discharge Cut-Off voltage	3.0 V
Max. Continuous Discharge Current	700 mA
Operating Temperature	Charge: 0 °C to 45 °C Discharge: -20 °C to 45 °C
Storage Temperature	1 Month at 20 °C ± 5 °C > 90%
Capacity Recovery Rate ²⁾	
Impedance Initial	≤ 60 mΩ @ 1 kHz at 4.2 V
Life Expectancy ³⁾	400 Cycles for ≥ 420 mAh

- 1) Prior to use read Handling Precaution and Prohibitions for VARTA Li-ion Batteries.
 2) After storage at initial cell voltage of 3.8 to 4.0 V / cell; capacity 0.2 C measured at 25 °C.
 3) Cell is to be charged at 1.0 C to 4.2 V with cutoff at 0.02 C and discharged at 1.0 C with cutoff at 3.0 V, at 25 °C