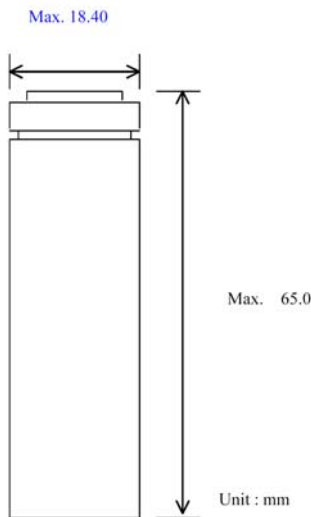


Data Sheet ¹


Type Designation	LIC 18650-24 AC
Type Number	56624
System	Li-Ion
UL Recognition	UL1642
Nominal Voltage [V]	3.7 (average)
Typical Capacity [mAh]	2400 (at C/5 from 4.2 V to 2.75 V at 20°C)
Nominal Capacity C [mAh]	2300 (at C/5 from 4.2 V to 2.75 V at 20°C)
Dimensions [mm]	
Diameter (d)	18.40 Max.
Height (h)	65.0 Max.
Weight, approx. [g]	46
Charging Method	Constant Current + Constant Voltage
Charge Voltage [V]	4.20 (+/- 50 mV)
Initial Charge Current [mA]	Standard Charge: 1200
	Rapid Charge: 2400
Charging Cut-Off (a) or b))	
a) by time [h]	Standard Charge: 3
	Rapid Charge: 2.5
b) by min. current [mA]	C/50
Discharge Cut-Off voltage [V]	2.75
Max. Continuous Discharge Current [mA]	4800
Operating Temperature [°C]	Charge: 0 to 45
	Discharge: -20 to 60
Storage Temperature	1 Year at -20 to 20°C >80
Capacity Recovery Rate ³⁾ [%]	3 Month at -20 to 45°C >80
	1 Month at -20 to 60°C >80
Impedance Initial [mΩ]	< 100 @ 1kHz
Life Expectancy C/2, 20°C [Cycles]	> 300 (>70 % of initial capacity)

³⁾ 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 !