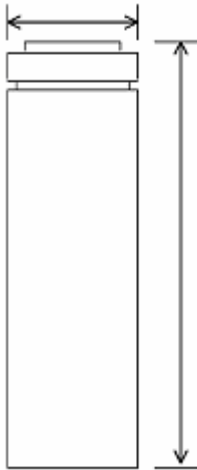


Data Sheet ¹



Type Designation	LIC 18650 22L
Type Number	56622
System	Li-Ion
UL Recognition	UL1642 (Technician replaceable)
Nominal Voltage [V]	3.7 (average)
Typical Capacity [mAh]	2200 (at C/5 from 4.2 V to 2.75 V at 20°C)
Minimum Capacity C [mAh]	2100 (at C/5 from 4.2 V to 2.75 V at 20°C)
Dimensions [mm]	
Diameter (d)	18.40 Max.
Height (h)	65.10 Max.
Weight, approx. [g]	48
Charging Method	Constant Current + Constant Voltage
Charge Voltage [V]	4.20 (+/- 50 mV)
Initial Charge Current [mA]	Standard Charge: 1100 Rapid Charge: 2200
Charging Cut-Off (a) or b))	
a) by time [h]	Standard Charge: 3 Rapid Charge: 2.5
b) by min. current [mA]	20 +/-5 mA
Discharge Cut-Off voltage [V]	3
Max. Continuous Discharge Current [mA]	4200
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]	< 70 @ 1kHz
Life Expectancy C/2, 20°C [Cycles]	> 300 (>80 % of initial capacity)

³⁾ If the cell is kept as ex-factory status; 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 !