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Data Sheet

Type Designation LIC 18650-26 FC

Type Number 56627

System Li-Ion

UL Recognition UL1642

Nominal Voltage 3.7V

Nominal Capacity, C 2600mAh (at 0.2C and 20°C)

Minimum Capacity 2550mAh

Dimensions
Diameter (d)

Diameter (d) 18.4mm Max. Height (h) 65.0mm Max.

Weight, approx. 47.0g

Charging Method Constant Current + Constant Voltage

Charge Voltage 4.20V (+/- 50 mV)

Initial Charge Current
Standard Charge: 1300mA
Rapid Charge: 2600mA

Charging Cut-Off (a) or b))

a) by time Standard Charge: 3h

Rapid Charge: 2.5h

b) by min. current 0.05C

Discharge Cut-Off voltage 2.75V

Max. Continuous Discharge Current 5200mA

Operating Temperature Charge: 0 °C to 45 °C

Discharge: -20 °C to 60 °C

Storage Temperature 1 Year at $-20 \,^{\circ}\text{C}$ to $25 \,^{\circ}\text{C}$ >80% Capacity Recovery Rate 2 3 Month at $-20 \,^{\circ}\text{C}$ to $45 \,^{\circ}\text{C}$ >80%

1 Month at -20 °C to 60 °C >80%

Impedance Initial <100mΩ @ 1kHz

Life Expectancy ³⁾ 300 Cycles for ≥1785mAh

Prior to use read Handling Precaution and Prohibitions for VARTA Li-ion Batteries.

²⁾ After storage at initial cell voltage of 3.6 to 3.9 V/cell; capacity 0.2C measured at 20 °C.

Cell is to be charged at 0.5C to 4.2V with cutoff at 0.05C and discharged at 0.5C with cutoff at 2.75V, at 20°C