

Data Sheet¹

Basic Cell Configuration ICR-18650 26F 1s

Dimensions [mm]

Length (L) Max.71
Width (W) Max.19.5
Weight, approx. [g] 50

Contacts Wires AWG24 UL1007
red = +
black = -

Electrical Parameter

Nominal Values [V] / [Wh] 3.7
Typical capacity [mAh] 2600 (0.2C at 20°C after 4.2V)
Minimum capacity C [mAh] 2500 (0.2C at 20°C after 4.2V)
Impedance initial [mΩ] < 150 @ 1kHz at 4.2V

Max. Charge [mA] 2600
Max. Charge Voltage [V] 4.20
Max. cont. Discharge [mA] 2600
Discharge Cut off [V] 3.00

Life expectancy 0.5C/0.5C [20°C Cycles] 300 >70% of initial capacity

Operating temperature [°C] Charge: 0 to 45
Discharge: -20 to 60

Humidity 65 +-20%RH
Storage Temperature 12 month at -20 to +35°C

Safety Parameter PCM

Overcharge Det. Voltage 4.30 +-0.05 V
Overcharge Release Voltage 4.10 +-0.05 V
Overdischarge Det. Voltage 2.40 +-0.10 V
Overdischarge Rel. Voltage 3.00 +-0.10 V
Overcurrent Det. Range 3-6 A

Delivery Status

Voltage 3.7 – 3.9V
Capacity 50-60%

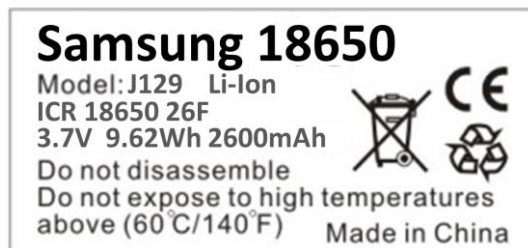
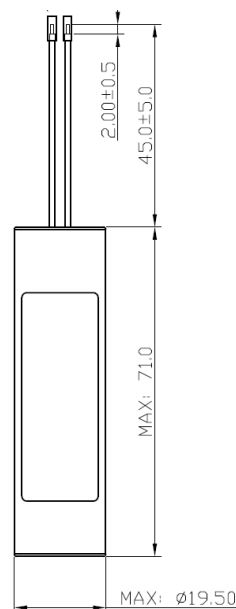
Label Custom

Shrink Sleeve Blue

Certifications

Cell UL1642
Battery UN38.3, ROHS

Mechanical Drawing



¹ Prior to use read Handling Precaution and Prohibitions for Li-Ion Batteries
Subject to change without prior notice !