

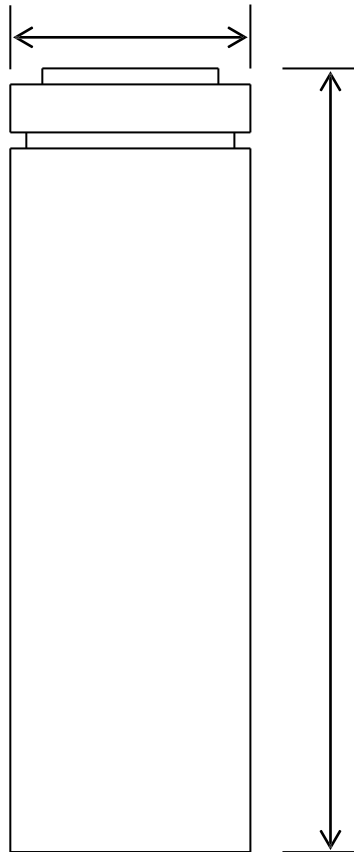
Samsung INR21700-50E – Key Specifications

- **Model:** Samsung INR21700-50E
- **Cell Type:** Lithium-ion rechargeable cell
- **Capacity:** 4900 mAh (typical), 4750 mAh (minimum rated)
- **Nominal Voltage:** 3.63 V
- **Charging Voltage:** 4.2 V (CC-CV method)
- **Standard Charge Current:** 2,450 mA
- **Max Charge Current:** 4,900 mA (not recommended for cycle life)
- **Max Continuous Discharge Current:** 9,800 mA (9.8 A)
- **Max Pulse Discharge Current:** 14,700 mA (14.7 A, non-continuous)
- **Cut-off Voltage:** 2.5 V
- **Cycle Life:** ≥ 500 cycles ($\geq 80\%$ capacity retention)
- **Weight:** 69.5 g (max)
- **Dimensions:** Diameter 21.25 mm (max) $\times$ Height 70.80 mm (max)
- **Operating Temperature:**
 - Charge: 0°C to 45°C
 - Discharge: -20°C to 60°C

Outline Dimensions

See the Fig. 1

Max. 21.25



Max. 70.80

Unit : mm With sleeve

Fig. 1 Outline Dimensions of INR21700-50E