

**battery type:** Lithium Button Cell  
**battery size:** CR2025  
**chemical system:** Lithium Manganese Dioxide

**Conditions**

**nominal voltage:** 3.0 V  
**open circuit voltage:** 3.0...3.4 V (new battery)  
 2.9...3.4 V (after 1 year storage at 20°C)

all measurements at 22 ± 2°C ambient

**capacity**  
 rated: 160 mAh (discharge at 15kΩ resistive load; 24hours/day; End Voltage (EV): 2.0V)  
 minimum: 150 mAh (discharge at 15kΩ resistive load; 24hours/day; End Voltage (EV): 2.0V)

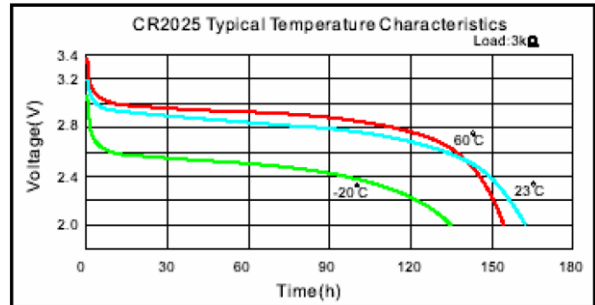
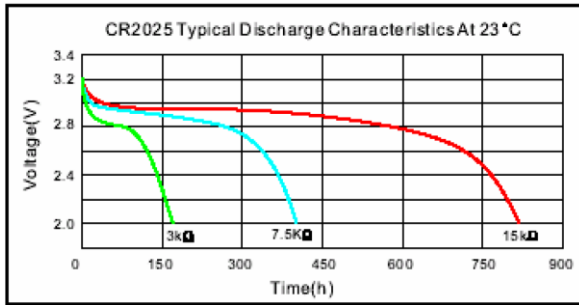
**Service Life**

at 15kΩ load; 24hours/day  
 ≥ 780 h (EV: 2.0V new battery (tested within 60 days after production))  
 ≥ 750 h (EV: 2.0V after 12 months)  
 standard discharge time ≥ 100 h (at 2kΩ load (for QC measurement))

**Discharge currents**

standard: 0.2 mA  
 max. recommended current under continuous discharge: 3 mA  
 max. recommended current under pulse discharge: 15 mA

**Discharge diagrams:**



**shelf life:** 5 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

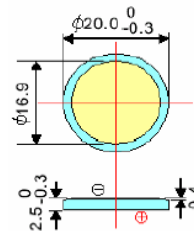
**operating temperature range:** - 20...60 °C

**storage temperature:** 0...30 °C (recommended)

**mechanical specifications:**


outer battery dimensions  
 diameter: 20.0mm +0/-0.3mm  
 height: 2.5mm +0/-0.2mm

drawing



**nominal weight:** 2.5 g (approx.)

Unit: mm

	<b>ANSMANN Specifications for model:</b>	<b>Lithium Button Cell HyCell CR2025</b>
	data sheet no. / part no.	5020192
	supplier no.	703385
	author / date	TG / 16.01.2020