

**battery type:** Lithium Button Cell  
**battery size:** CR2032  
**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:** 220 mAh (discharge at 10kΩ resistive load; 24hours/day  
 End Voltage (EV): 2.0V)  
**minimum:** 210 mAh (discharge at 10kΩ resistive load; 24hours/day  
 End Voltage (EV): 2.0V)

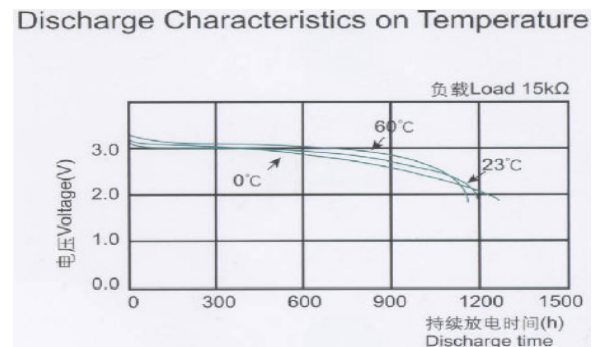
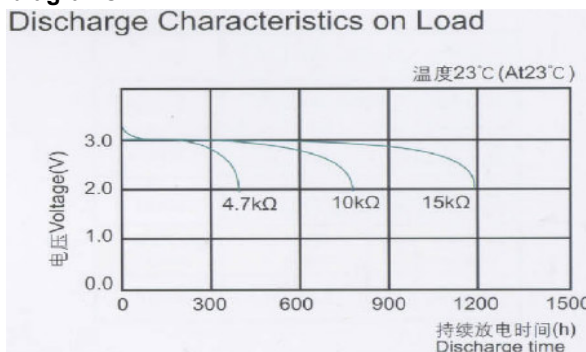
**Service Life**

at 15kΩ load; 24hours/day  
 ≥ 1200 h EV: 2.0V new battery (tested within 60 days after production)  
 ≥ 1080 h EV: 2.0V after 12 months  
 standard discharge time ≥ 145 h at 2kΩ load (for QC measurement)

**Discharge currents**

**standard:** 0.2 mA  
 max. recommended current under continuous discharge: 4 mA  
 max. recommended current under pulse discharge: 16 mA

**Discharge diagrams:**



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

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

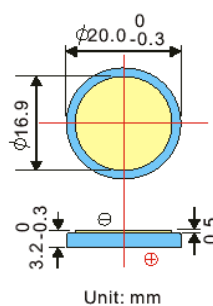
**storage temperature:** 0...30 °C (recommended)

**mechanical specifications:**

outer battery dimensions

diameter: 20.0mm +0/-0.3mm  
 height: 3.2mm +0/-0.2mm

drawing



**nominal weight:** 3.0 g (approx.)

	<b>ANSMANN Specifications for model:</b>	<b>Lithium Button Cell HyCell CR2032</b>
	author / date	TG / 16.01.2020