

**battery type:** Lithium Button Cell  
**battery size:** CR1620  
**chemical system:** Lithium Manganese Dioxide

**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)

**Conditions**  
 all measurements at 22 ± 2°C ambient

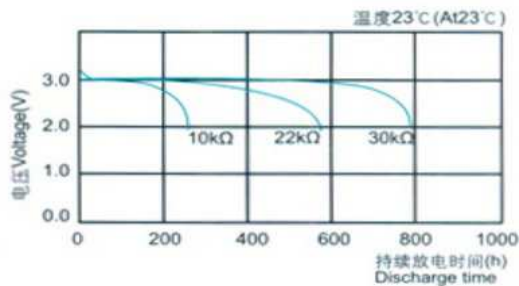
**capacity**  
 rated: 70 mAh (discharge at 0.1mA constant current; 24hours/day  
 End Voltage (EV): 2.0V)  
 minimum: 65 mAh (discharge at 0.1mA constant current; 24hours/day  
 EV: 2.0V)

**Standard discharge time**  
 minimum: 220 h (at 10kΩ load (for QC measurement)  
 EV: 2.0V)

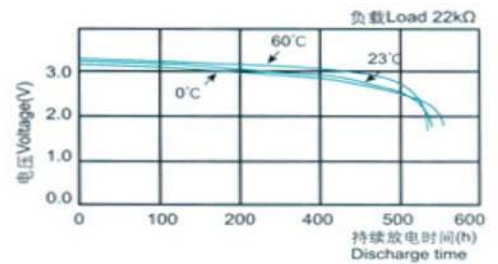
**Discharge currents**  
 standard: 0.1 mA  
 max. recommended current under continuous discharge: 2 mA  
 max. recommended current under pulse discharge: 10 mA

**Discharge diagrams:**

Discharge Characteristics on Load



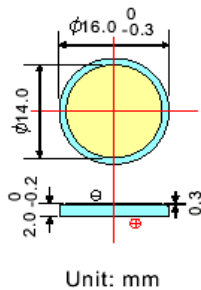
Discharge Characteristics on Temperature



**shelf life:** 10 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

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


**mechanical specifications:**



blister card dimensions: 56 x 71.5mm

weight: 3g (incl. battery)

**nominal weight:** 1.3 g

	<b>ANSMANN Specifications for model:</b>	<b>CR1620 Lithium Button Cell blister package</b>
	data sheet no. / part no.	5020072
	supplier no.	702572
	author / date	TG / 20.03.2013