

**battery type:** Lithium Button Cell  
**battery size:** CR2016  
**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)

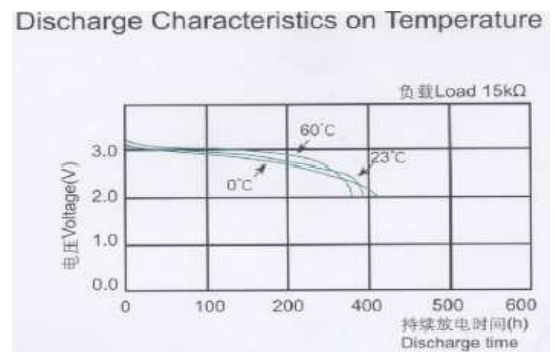
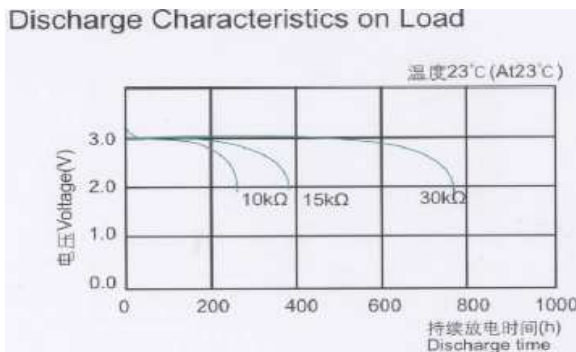
all measurements at 22 ± 2°C ambient

**capacity**  
 rated: 80 mAh (discharge at 0.1mA constant current; 24hours/day  
 End Voltage (EV): 2.0V)  
 minimum: 70 mAh (discharge at 0.1mA constant current; 24hours/day  
 EV: 2.0V)

**Standard discharge time**  
 minimum: 250 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: 20 mA

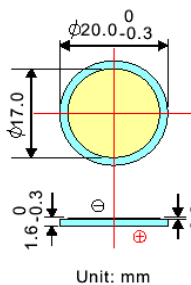
**Discharge diagrams:**



**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: 3.3g (incl. battery)

**nominal weight:** 1.6 g

	<b>ANSMANN Specifications for model:</b>	<b>CR2016 Lithium Button Cell blister package</b>
	data sheet no. / part no.	5020082
	Version no.	
	author / date	Gramlich / 03.12.2010