

**battery type:** Lithium Button Cell  
**battery size:** CR1616  
**chemical system:** Lithium Manganese Dioxide

**Conditions**

**nominal voltage:** 3.0 V  
**open circuit voltage:** 3.1...3.5 V new battery  
 3.0...3.4 V after 1 year storage at 20°C

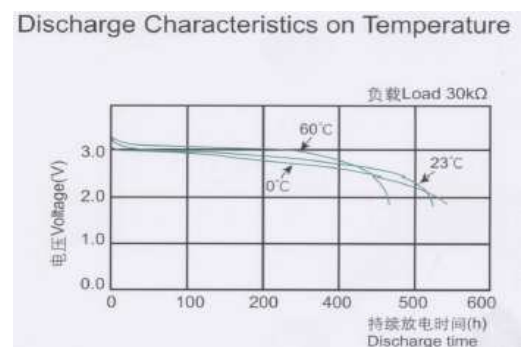
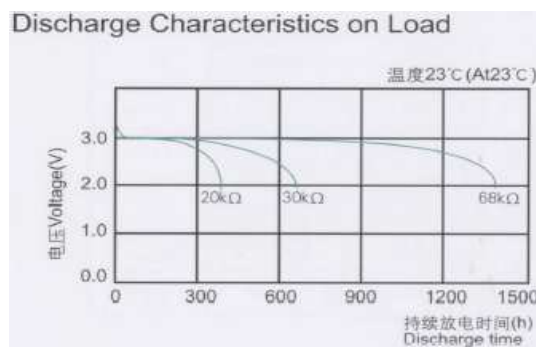
all measurements at 22 ± 2°C ambient

**capacity**  
**rated:** 55 mAh discharge at 0.1mA constant current; 24hours/day  
 End Voltage (EV): 2.0V  
**minimum:** 45 mAh discharge at 0.1mA constant current; 24hours/day  
 EV: 2.0V

**Standard discharge time**  
**minimum:** 180 h at 12kΩ load (for QC measurement)  
 EV: 2.0V

**Discharge currents**  
**standard:** 0.1 mA  
**max. recommended current**  
 under continuous discharge: 1 mA  
**max. recommended current**  
 under pulse discharge: 10 mA

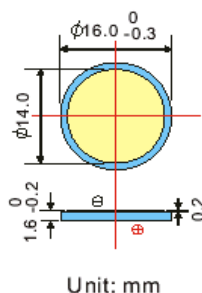
**Discharge diagrams:**



**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:  
 50 x 70mm

weight:  
 3g (incl. battery)

**nominal weight:** 1.3 g

	<b>ANSMANN Specifications for model:</b>	<b>CR1616 Lithium Button Cell blister package</b>
	data sheet no. / part no.	5020132
	supplier no. no.	702572
	author / date	Gramlich / 20.03.2013