

**battery type:** Lithium Button Cell  
**battery size:** CR1220  
**chemical system:** Lithium Manganese Dioxide

**nominal voltage:** 3.0 V  
**open circuit voltage:** 3.0...3.4 V  
 2.9...3.4 V

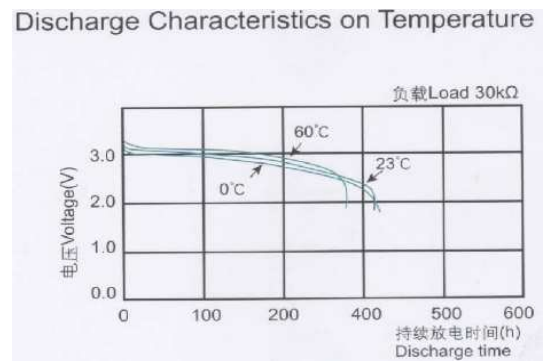
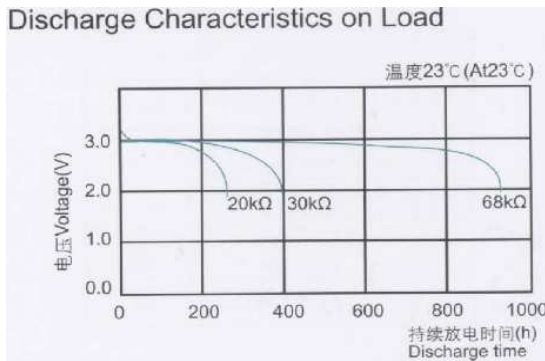
**Conditions**  
 new battery  
 after 1 year storage at 20°C

**capacity**  
 rated: 36 mAh discharge at 0.05mA constant current; 24hours/day  
 End Voltage (EV): 2.0V  
 minimum: 33 mAh discharge at 0.05mA constant current; 24hours/day  
 EV: 2.0V

**Standard discharge time**  
 minimum: 220 h at 20kΩ load (for QC measurement)  
 EV: 2.0V

**Discharge currents**  
 standard: 0.05 mA  
 max. recommended current  
 under continuous discharge: 1 mA  
 max. recommended current  
 under pulse discharge: 5 mA

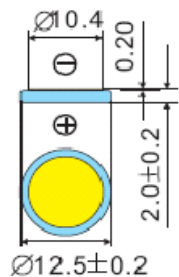
**Discharge diagrams:**



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

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

**mechanical specifications:**



Unit: mm



blister card  
 dimensions:  
 56 x 71.5mm

weight:  
 2.5g (incl. battery)

**nominal weight:** 0.8 g

	<b>ANSMANN Specifications for model:</b>	<b>CR1220 Lithium Button Cell blister package</b>
	data sheet no. / part no.	5020062
	supplier no.	702572
	author / date	TG / 20.03.2013