

**battery type:** Lithium Button Cell  
**battery size:** CR2450  
**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: 630 mAh discharge at 0.4mA constant current; 24hours/day  
 End Voltage (EV): 2.0V

minimum: 550 mAh discharge at 0.4mA constant current; 24hours/day  
 EV: 2.0V

**Standard discharge time**  
 minimum: 275 h at 1.5kΩ load (for QC measurement)  
 EV: 2.0V

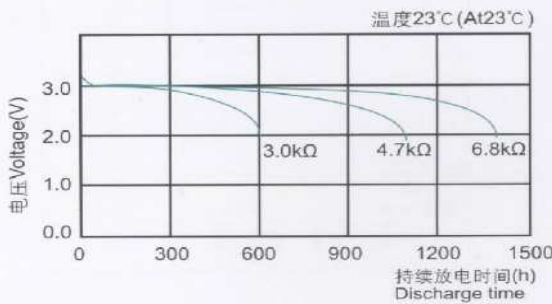
**Discharge currents**  
 standard: 0.4 mA

max. recommended current  
 under continuous discharge: 5 mA

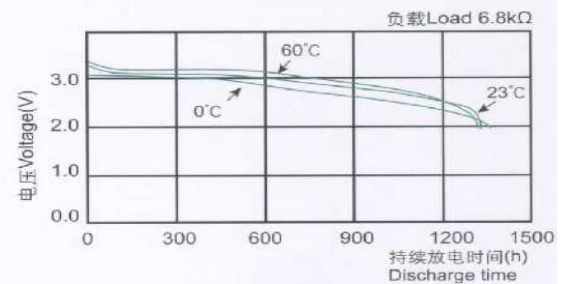
max. recommended current  
 under pulse discharge: 20 mA

**Discharge diagrams:**

Discharge Characteristics on Load



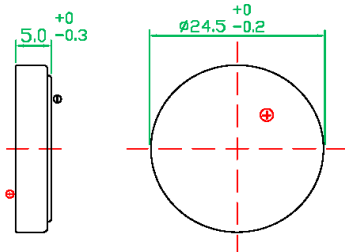
Discharge Characteristics on Temperature



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

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

**mechanical specifications:**



**nominal weight:** 6.4 g



blister card  
 dimensions:  
 56 x 71.5mm

weight:  
 8g (incl. battery)

	<b>ANSMANN Specifications for model:</b>	<b>CR2450 Lithium Button Cell blister package</b>
	data sheet no. / part no.	5020112
	Version no.	
	author / date	Gramlich / 02.12.2010