

**battery type:** Lithium Button Cell  
**battery size:** CR2016  
**chemical system:** Lithium Manganese Dioxide

**Conditions**

**nominal voltage:** 3.0 V  
**open circuit voltage:** 3.1...3.35 V (new battery)  
 3.0...3.35 V (after 1 year storage at 20°C)

all measurements at 22 ± 2°C ambient

**capacity rated:** 85 mAh (continuous discharge at 30kΩ load; 24hours/day End Voltage (EV): 2.0V)

**minimum:** 80 mAh (continuous discharge at 30kΩ load; 24hours/day End Voltage (EV): 2.0V)

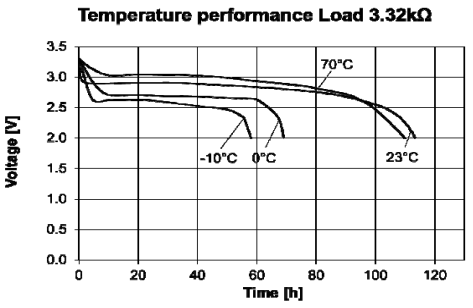
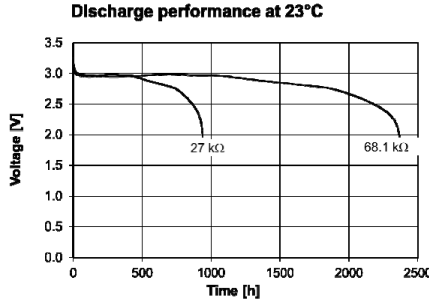
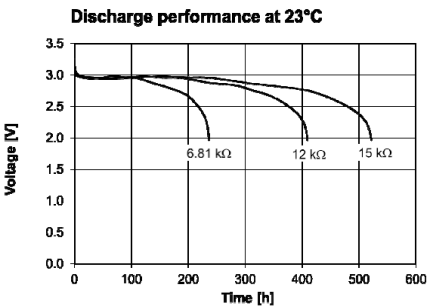
**Standard discharge time minimum:** 175 h (at 6.2kΩ load (for QC measurement) EV: 2.0V)

**Discharge currents standard:** 0.2 mA

**max. recommended current under continuous discharge:** 3 mA

**max. recommended current under pulse discharge:** 6 mA

**Discharge diagrams:**



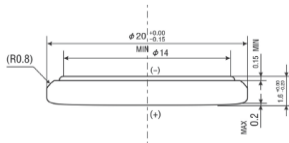
**shelf life:** 10 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

**operating temperature range:** - 30...70 °C

**storage temperature:** 0...40 °C

**mechanical specifications:** according to IEC 60086

dimensions in mm



printed production date 4 digits (yyww)

**nominal battery weight:** 1.75 g



blister card dimensions: 56 x 71.5mm

weight: 3.5g (incl. battery)

	<b>ANSMANN Specifications for model:</b>	<b>CR2016 Lithium Button Cell</b>
	data sheet no. / part no.	5020082
	supplier no.	703700
	author / date	TG / 29.11.2016