

battery type: Lithium Button Cell
battery size: CR2032
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: 230 mAh (continuous discharge at 15kΩ load; 24hours/day
 End Voltage (EV): 2.0V)

minimum: 215 mAh (continuous discharge at 15kΩ load; 24hours/day
 End Voltage (EV): 2.0V)

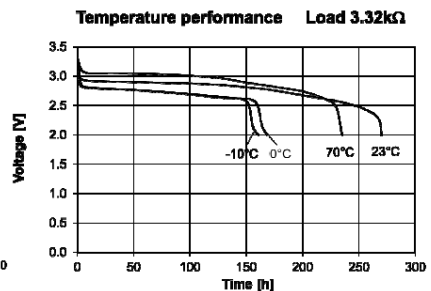
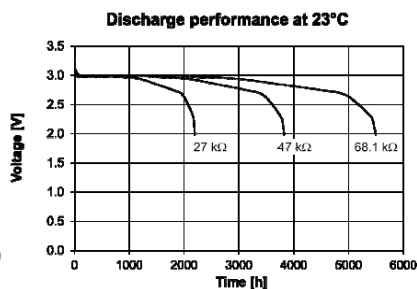
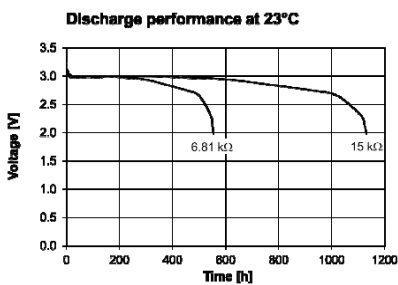
Standard discharge time
minimum: 250 h (at 3.3kΩ load (for QC measurement)
 EV: 2.0V)

Discharge currents
standard: 0.4 mA

max. recommended current
 under continuous discharge: 3 mA

max. recommended current
 under pulse discharge: 10 mA

Discharge diagrams:



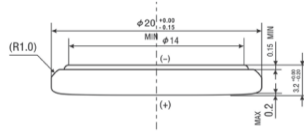
shelf life: 10 years (under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%))

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

storage temperature: 0...40 °C

mechanical specifications:
 according to IEC 60086

dimensions in mm



nominal weight:

2.95 g



printed production date
 4 digits (yyww)



blister card
 dimensions:
 56 x 71.5mm

weight:
 4.8g (incl. battery)

104

	ANSMANN Specifications for model: CR2032 Lithium Button Cell	
	1pcs blister package	
	data sheet no. / part no.	5020122
	supplier no.	703700
	author / date	TG / 15.12.2015

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice