battery type:		lithium primary battery
battery size:		CR-2
chemical system:		Manganese Dioxide Lithium Battery

		conditions, remarks
nominal voltage:	3.0 V	
open circuit voltage:	3.0... 3.4 V	new battery
closed circuit voltage:	2.9...3.35 V	measured after 1s under load of 50Ω

capacity — measurements at 20°C ambient; new battery

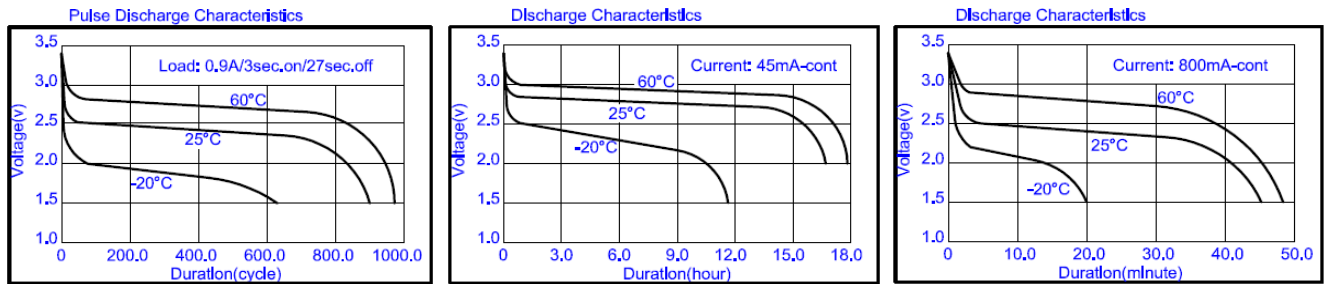|		
rated:	800 mAh	discharge at 200Ω resistive load; 24hours/day End Voltage (EV): 2.0V
minimum:	750 mAh	discharge at 10mA constant current; 24hours/day End Voltage (EV): 2.0V
	575 mAh	discharge at 500mA constant current; continuous End Voltage (EV): 2.0V

duration — new battery

pulse load:		load: 900mA for 3s, rest time 27s
	≥ 900 cycles	at 20°C; End Voltage (EV): 1.5V

discharge diagrams:

max. discharge current

continuous:	800 mA	
pulse:	1500 mA	

internal resistance:	≤ 0.7 Ω	sine wave AC method (1kHz; 0.1mA) according to IEC 896-2

shelf life:	10 years	under proper storage conditions

ambient temperature

range:	- 40...60 °C	operating temperature
	- 20...45 °C	storage temperature
	10...30 °C	recom. storage temp.

relative humidity:	≤ 70%	during storage

mechanical specifications

cell dimensions

diameter:	15.3	- 0.5	mm
height:	27.0	- 0.7	mm
weight:	10	± 1.5	g

blister card

dimensons:	123 x 86 mm	
weight (incl. battery)	17 g	

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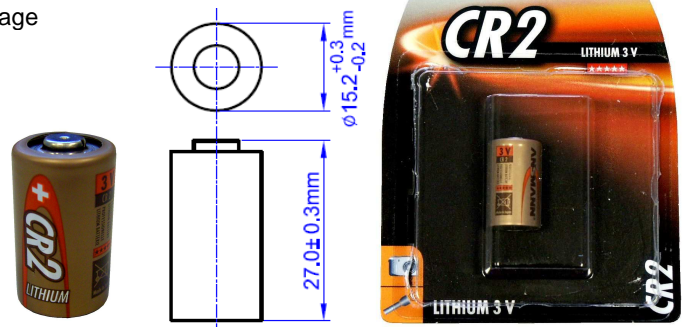
	ANSMANN Specifications for model:	**CR-2 Lithium Battery** **1pcs blister package**
	data sheet no. / part no.	5020022
	Version no.	
	author / date	Gramlich / 11.03.2013

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