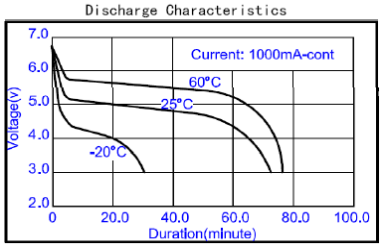
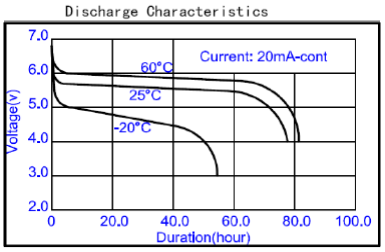
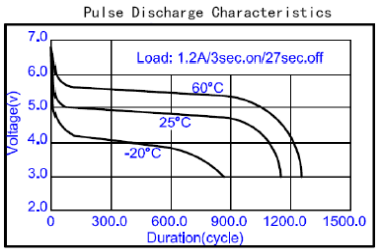
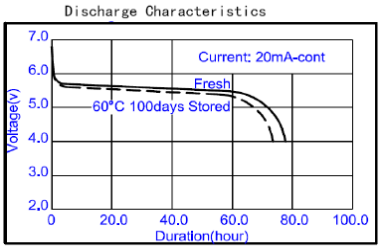
battery type:		Lithium - Manganese-Dioxide
battery size:		2CR5
chemical system:		$Li\text{-}MnO_2$

			Conditions
nominal voltage:	6	V	
open circuit voltage:	6.1…6.8	V	new battery
closed circuit voltage:	5.8…6.7	V	measured after 1s under 100Ω load
capacity			all measurements at 23°C ambient
rated:	1600	mAh	discharge at 1mA load; 24h/d End Voltage (EV): 4.0V
minimum:	1300	mAh	discharge at 20mA load; 24h/d End Voltage (EV): 4.0V
	1000	mAh	discharge at 200mA load; 24h/d End Voltage (EV): 4.0V
typical service output (new battery)			
operating time:	≥ 45	h	load : 200Ω, 24h/d End Voltage (EV): 3.1V
pulse load: (foto test)	≥ 1500	pulses	load : 900mA for 3s, rest time 27s End Voltage (EV): 3.1V
	≥ 1000	pulses	load : 1200mA for 3s, rest time 7s End Voltage (EV): 3.6V
max. continuous discharge current:	1000	mA	
max. peak discharge current:	3000	mA	
internal resistance: (new battery)	≤ 1	Ω	at 1kHz, sine wave measurement according to IEC 896-2
shelf life:	10	years	under proper storage conditions





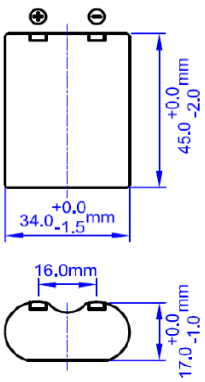




ambient temperature range:	- 40...70	°C	
recommended storage conditions:	- 20...30	°C	ambient temperature
	45...75	%	rel. humidity

mechanical specifications

battery dimensions			
length:	34.0	- 1.5	mm
width:	17.0	- 1.0	mm
height:	45.0	- 2.0	mm
weight:	38	± 3	g
blister card			
dimensions:	123 x 86		mm
weight (incl. batteries):	46	± 3	g



ANSMANN®	**ANSMANN Specifications for model:**	**Ansmann Photo Lithium Battery 2CR5 1pcs blister package**
	data sheet no. / part no.	5020032
	supplier no.	703331
	author / date	TG / 11.10.2017

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