

battery type: Lithium - Manganese-Dioxide
battery size: 2CR5
chemical system: Li-MnO₂

nominal voltage: 6 V
open circuit voltage: 6.1...6.8 V
closed circuit voltage: 5.8...6.7 V

Conditions
 new battery
 measured after 1s under 100Ω load

capacity rated: 1600 mAh
 all measurements at 23°C ambient
 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: ≥ 1500 pulses
 (foto test) 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: ≤ 1 Ω
 (new battery) at 1kHz, sine wave measurement
 according to IEC 896-2

shelf life: 10 years
 under proper storage conditions

ambient temperature range: - 40...70 °C

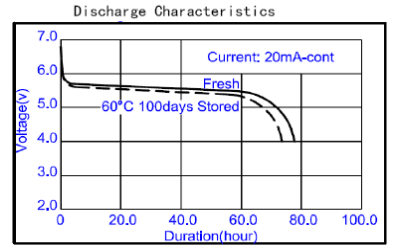
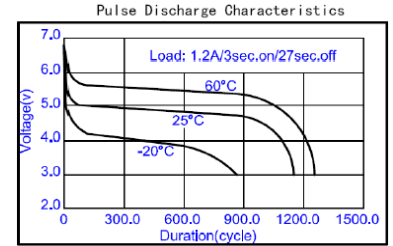
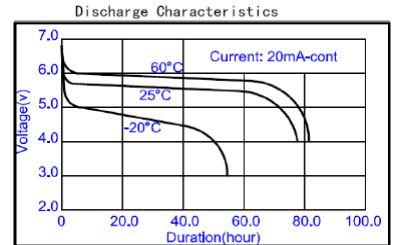
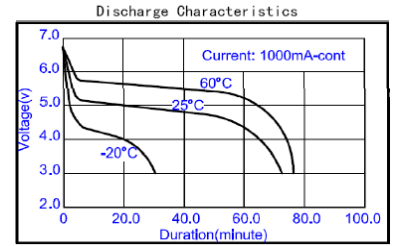
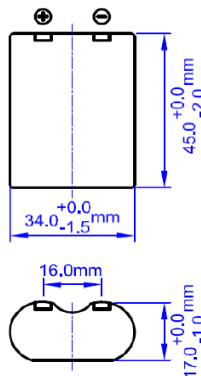
recommended storage conditions: - 20...30 °C
 45...75 % ambient temperature
 rel. humidity

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 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