



THE DATASHEET OF
5020032-XX



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 load : 900mA for 3s, rest time 27s
 (foto test) 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 at 1kHz, sine wave measurement
 (new battery) according to IEC 896-2

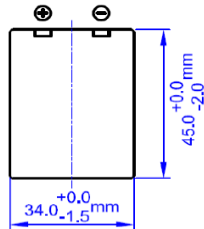
shelf life: 10 years under proper storage conditions

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

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

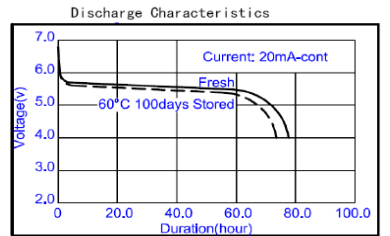
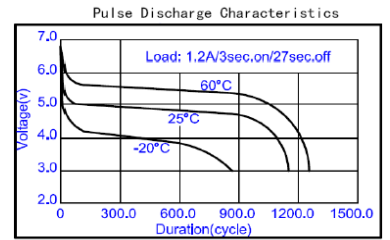
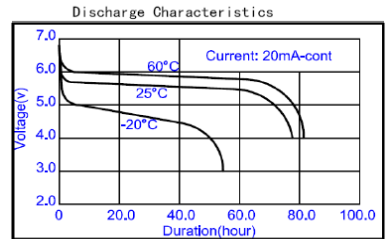
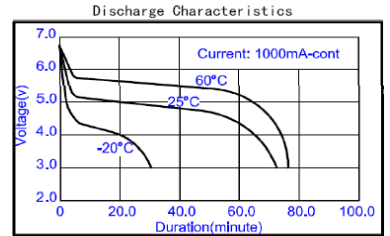
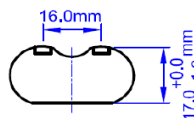
mechanical specifications


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 Specifications for model:	Ansmann Photo Lithium Battery 2CR5
	data sheet no. / part no.	
	supplier no.	703331
	author / date	TG / 11.10.2017

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View 5020032-XX on WIN SOURCE](#)
- ⊖ [ANSMANN \(Huizhou\) Trading CO., LTD Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management