**battery type:** lithium primary battery  
**battery size:** CR-123A (CR-17345)  
**chemical system:** Manganese Dioxide Lithium Battery

**nominal voltage:** 3.0 V  
**open circuit voltage:** 3.0...3.5 V  
**closed circuit voltage:** 2.9...3.4 V  
**conditions, remarks**  
new battery; measured after 1s under load of 50Ω

**capacity**  
rated: 1500 mAh  
minimum: 1375 mAh  
1000 mAh  
**duration**  
new battery  
**pulse load:** load: 900mA for 3s, rest time 27s  
>1600 cycles at 23°C; End Voltage (EV): 1.55V  
load: 1200mA for 3s, rest time 7s  
>1000 cycles at 23°C; End Voltage (EV): 1.55V

**discharge diagrams**

**max. discharge current**  
continuous: 1000 mA  
pulse: 3000 mA

**internal resistance:** ≤ 0.5 Ω  
sine wave AC method (1kHz; 0.1mA)  
according to IEC 896-2

**shelf life:** 10 years  
under proper storage conditions

**ambient temperature range:**  
-20...60 °C  
-20...45 °C  
5...20 °C  
operating temperature  
storage temperature  
recommended storage temperature

**relative humidity:** ≤ 70%  
during storage

**mechanical specifications**

cell dimensions  
diameter: 17.0 - 0.7 mm  
height: 34.5 - 1.0 mm  
weight: 16.5 ± 2 g

blister card dimensions: 123 x 86 mm  
weight (incl. battery) 25 g

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| ANSMANN Specifications for model: | CR-123A Lithium Battery  
1pcs blister package |
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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice