battery type: Alkaline Manganese Dioxide A10 (10A; LR10; Mn10) battery size: chemical system: Zn / KOH-H<sub>2</sub>O / MnO<sub>2</sub>

**Conditions** 

nominal voltage:

9 V

9.3...9.7 V new battery

open circuit voltage: 9.2...9.7 V

after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

capacity

minimum:

rated: 38 mAh discharge under 15kΩ load; 24hours/day

End Voltage (EV): 4.5V

minimum: 35 mAh discharge under 15kΩ load; 24hours/day

End Voltage (EV): 4.5V

Standard discharge time

nominal:

74 h at  $15k\Omega$  load new battery

EV: 4.5V

for QC measurement (at 15kΩ load; E.V.4.5V)

70 h

tested within 30 days after delivery after 12 months storage at room temperature

65 h

**Discharge currents** 

standard: 0.06 mA

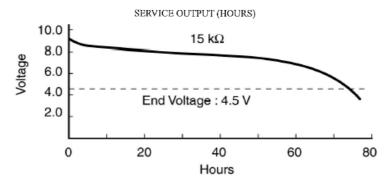
max. recommended current

under continuous discharge: 0.5 mA

max. recommended current

10 mA under pulse discharge:

## Discharge diagrams:

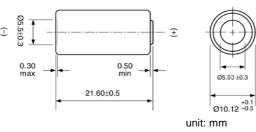


shelf life: under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%) 3 years of the capacity will remain after 12 months storage ≥90 %

operating temperature

range: 20...60 °C

## mechanical specifications:



A10|LR10|MN10|L1022

blister card

dimensions: 55 x 70mm

weight:

7.4g (incl. battery)

n

minal weight:	5.6	g

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ANSMANN Specifications for model:	A10 Alkaline Battery
	blister package
data sheet no. / part no.	1510-0006
supplier no.	701381
author / date	TG / 02.04.2013