

battery type: Alkaline Manganese Dioxide
battery size: A10 (10A; LR10; Mn10)
chemical system: Zn / KOH-H₂O / MnO₂

Conditions

nominal voltage: 9 V
open circuit voltage: 9.3...9.7 V new battery
 9.2...9.7 V after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

capacity 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 15kΩ load new battery
 EV: 4.5V

minimum: 70 h for QC measurement (at 15kΩ load; E.V.4.5V)
 65 h tested within 30 days after delivery
 after 12 months storage at room temperature

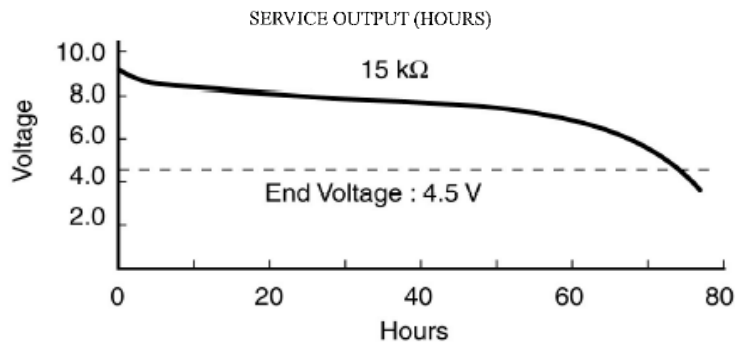
Discharge currents

standard: 0.06 mA

max. recommended current under continuous discharge: 0.5 mA

max. recommended current under pulse discharge: 10 mA

Discharge diagrams:

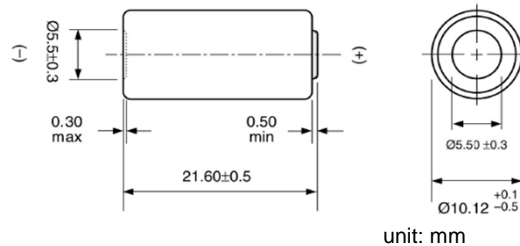


shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % of the capacity will remain after 12 months storage

operating temperature range:

- 20...60 °C

mechanical specifications:



nominal weight: 5.6 g



blister card

dimensions:
55 x 70mm

weight:
7.4g (incl. battery)



ANSMANN Specifications for model:

data sheet no. / part no.	1510-0006
supplier no.	701381
author / date	TG / 02.04.2013

**A10 Alkaline Battery
blister package**