

battery type:
battery size:
chemical system:

Alkaline Manganese Dioxide (mercury free)
 A10 (10A; LR10; Mn10)
 Zn / KOH-H₂O / MnO₂

nominal voltage: 9 V
open circuit voltage: 9.3...9.7 V
 9.2...9.7 V

Conditions

new battery
 after 1 year storage at 20°C

capacity

rated: 56 mAh

all measurements at 22 ± 2°C ambient

discharge under 15kΩ load; 24hours/day
 End Voltage (EV): 4.5V

minimum: 50 mAh

discharge under 15kΩ load; 24hours/day
 End Voltage (EV): 4.5V

Standard discharge time

nominal: 100 h

at 15kΩ load
 EV: 4.5V

new battery

MAD:
 (minimum average
 duration)

90 h

at 15kΩ load
 EV: 4.5V

after 12 months storage at 20°C

95 h

at 15kΩ load
 EV: 4.5V

for IQC measurement
 (tested within 30 days after delivery)

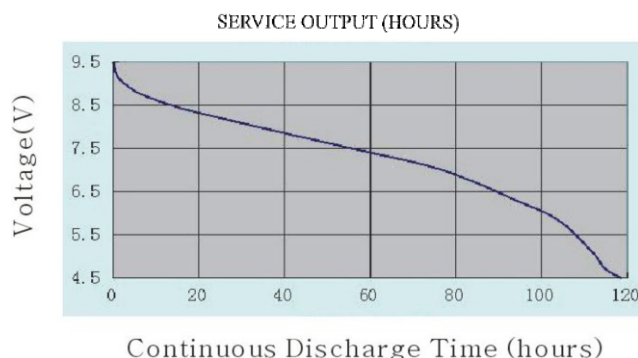
Discharge currents

standard: 0.06 mA

max. recommended current
 under continuous discharge: 1.0 mA

max. recommended current
 under pulse discharge: 10 mA

Discharge diagrams:



load resistor: 15kΩ

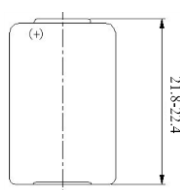
shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % remaining capacity after 12 months storage

operating temperature: - 20...60 °C

storage temperature: 5...25 °C

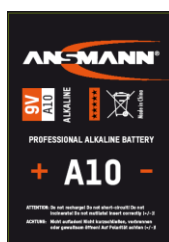
mechanical specifications:

Dimensions(mm):



nominal weight: 6.4 g

(recommended)



battery label



dimensions:
 56 x 71.5mm



blister card

weight:
 8.2g (incl. battery)



ANSMANN Specifications for model:

data sheet no. / part no.

supplier no.

author / date

A10 (10A, LR1022) Alkaline Battery
"Hg free" blister package

1510-0006

703385

TG / 08.02.2018