

battery type:
battery size:
chemical system:

Alkaline Manganese Dioxide (mercury free)
 A11 (11A; LR1016; Mn11)
 Zn / KOH-H₂O / MnO₂

nominal voltage: 6 V
open circuit voltage: 6.2...6.5 V
 6.1...6.5 V

Conditions

new battery
 after 1 year storage at 20°C

capacity

rated: 56 mAh

all measurements at 22 ± 2°C ambient

discharge under 10kΩ load; 24hours/day
 End Voltage (EV): 3.0V

minimum: 50 mAh

discharge under 10kΩ load; 24hours/day
 End Voltage (EV): 3.0V

Standard discharge time

nominal: 90 h

at 10kΩ load
 EV: 3.0V

new battery

MAD:
 (minimum average
 duration)

85 h

at 10kΩ load
 EV: 3.0V

after 12 months storage at 20°C

87 h

at 10kΩ load
 EV: 3.0V

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 10kΩ,24h/day continuous discharge,E.P.V 3.0V,20±2°C



Continuous Discharge Time (hours)

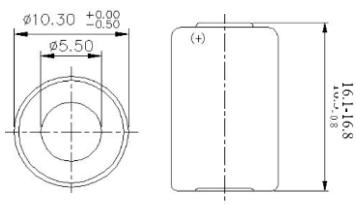
shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % remaining capacity after 12 months storage

operating temperature: - 20...60 °C

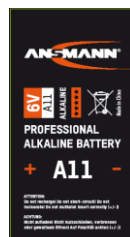
storage temperature: 5...25 °C (recommended)

mechanical specifications:

Dimensions(mm):



nominal weight: 3.6 g



battery label



dimensions:
 56 x 71.5mm



blister card

weight:
 5.4g (incl. battery)



ANSMANN Specifications for model:

data sheet no. / part no.

supplier no.

author / date

A11 (11A, LR1016) Alkaline Battery
"Hg free" blister package

1510-0007

703385

TG / 08.02.2018