

battery type: Alkaline Manganese Dioxide (mercury free)
battery size: A11 (11A; LR1016; Mn11)
chemical system: Zn / KOH-H₂O / MnO₂

Conditions

nominal voltage: 6 V
open circuit voltage: 6.2...6.5 V (new battery)
 6.1...6.5 V (after 1 year storage at 20°C)

all measurements at 22 ± 2°C ambient

capacity rated: 56 mAh (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

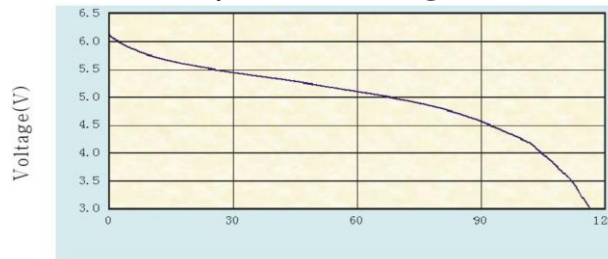
nominal: 90 h (at 10kΩ load; EV: 3.0V) (new battery)
MAD: 85 h (at 10kΩ load; EV: 3.0V) (after 12 months storage at 20°C)
 (minimum average duration) 87 h (at 10kΩ load; EV: 3.0V) (for IQC measurement (tested within 30 days after delivery))

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)

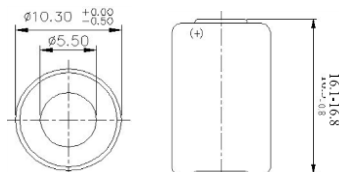
shelf life: 3 years (under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%))
 ≥90 % (remaining capacity after 12 months storage)

operating temperature: - 20...60 °C

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

mechanical specifications:

Dimensions(mm):



nominal weight:

3.6 g



blister card

dimensions:
56 x 71.5mm

weight:
5.4g (incl. battery)



ANSMANN Specifications for model:	A11 (11A, LR1016) Alkaline Battery "Hg free" blister package
data sheet no. / part no.	1510-0007
supplier no.	703385
author / date	TG / 08.03.2016