

battery type: Alkaline Manganese Dioxide (mercury free)
battery size: A29; 29A; A32; 25A
chemical system: Zn / KOH-H₂O / MnO₂

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

capacity all measurements at 22 ± 2°C ambient

rated: 20 mAh discharge under 15kΩ load; 24hours/day
 End Voltage (EV): 4.5V

minimum: 18 mAh discharge under 15kΩ load; 24hours/day
 End Voltage (EV): 4.5V

Standard discharge time

nominal: ≥ 38 h at 15kΩ load new battery
 EV: 4.5V

MAD: 34 h at 15kΩ load after 12 months storage at 20°C
 (minimum average duration) EV: 4.5V

36 h at 15kΩ load for IQC measurement
 EV: 4.5V (tested within 30 days after delivery)

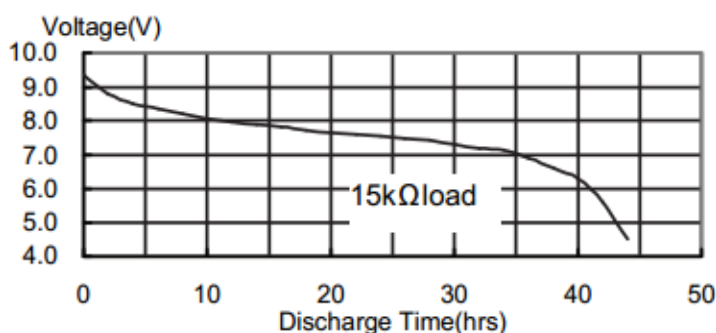
Discharge currents

standard: 0.05 mA

max. recommended current under continuous discharge: 0.5 mA

max. recommended current under pulse discharge: 5 mA

Discharge diagrams:



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

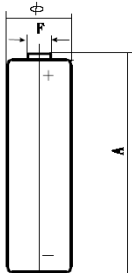
operating temperature: - 20...60 °C

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

mechanical specifications:

Dimensions(mm):

	min	max
Φ	7.4	8.0
A	19.9	22.1



nominal weight: 3.5 g



blister card
dimensions: 56 x 71.5mm
weight: 5.3g (incl. battery)



ANSMANN Specifications for model:

data sheet no. / part no. 1510-0008
 supplier no. 703385
 author / date TG / 15.06.2018

A29 (29A) Alkaline Battery
"Hg free" blister package