

battery type: Alkaline Manganese Dioxide (mercury free)
battery size: A29; 29A; A32; 25A
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: 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)

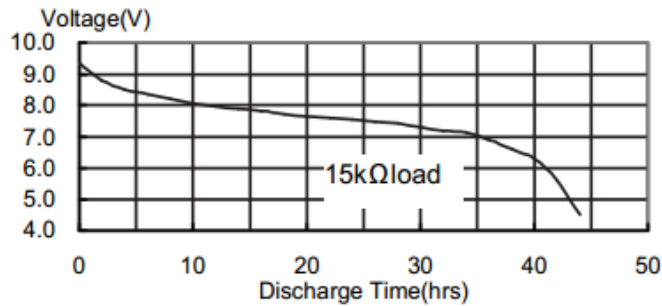
Standard discharge time

nominal: ≥ 38 h (at 15kΩ load; EV: 4.5V) (new battery)
MAD: 34 h (at 15kΩ load; EV: 4.5V) (after 12 months storage at 20°C)
 (minimum average duration) 36 h (at 15kΩ load; EV: 4.5V) (for IQC measurement (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)

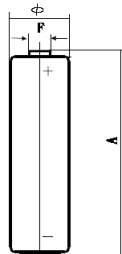
operating temperature: - 20...60 °C

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:	A29 (29A) Alkaline Battery "Hg free" blister package
	data sheet no. / part no.	1510-0008
	supplier no.	703385
	author / date	TG / 08.03.2016