

battery type:
battery size:
chemical system:

Alkaline Manganese Dioxide (mercury free)
 A29; 29A; A32; 25A
 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: 20 mAh
 minimum: 18 mAh

all measurements at 22 ± 2°C ambient
 discharge under 15kΩ load; 24hours/day
 End Voltage (EV): 4.5V
 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:
 (minimum average duration) 34 h

at 15kΩ load after 12 months storage at 20°C
 EV: 4.5V

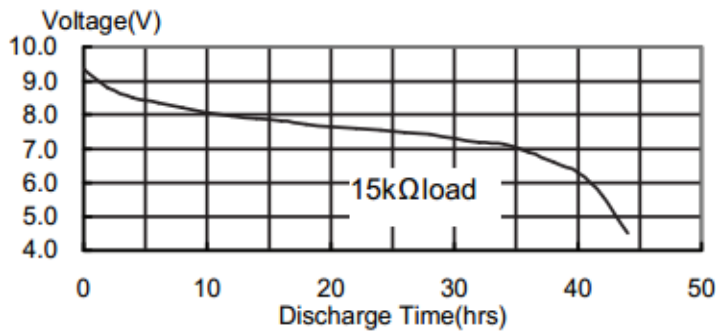
36 h at 15kΩ load for IQC measurement
 EV: 4.5V (tested within 30 days after delivery)

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:



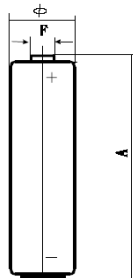
shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % remaining capacity after 12 months storage

operating temperature: - 20...60 °C

storage temperature: 5...25 °C (recommen

mechanical specifications:
 Dimensions(mm):

/	min	max
Φ	7.4	8.0
A	19.9	22.1



nominal weight: 3.5 g

	ANSMANN Specifications for model:	A29 (29A) Alkaline Battery "Hg free" blister package
	data sheet no. / part no.	1510-0008
	s.n.	703385
	author / date	TG / 15.06.2018

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