

battery type: Alkaline Manganese Dioxide
battery size: A27 (27A)
chemical system: Zn / KOH-H₂O / MnO₂

Conditions

nominal voltage: 12 V
open circuit voltage: 12.3...12.9 V new battery
 12.2...12.9 V after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

capacity rated: 20 mAh discharge under 20kΩ load; 24hours/day
 End Voltage (EV): 6.0V

minimum: 18 mAh discharge under 20kΩ load; 24hours/day
 End Voltage (EV): 6.0V

Standard discharge time

nominal: 38 h at 20kΩ load new battery
 EV: 6.0V

minimum: 35 h for QC measurement (at 20kΩ load; E.V.6.0V)
 32 h tested within 30 days after delivery
 after 12 months storage at room temperature

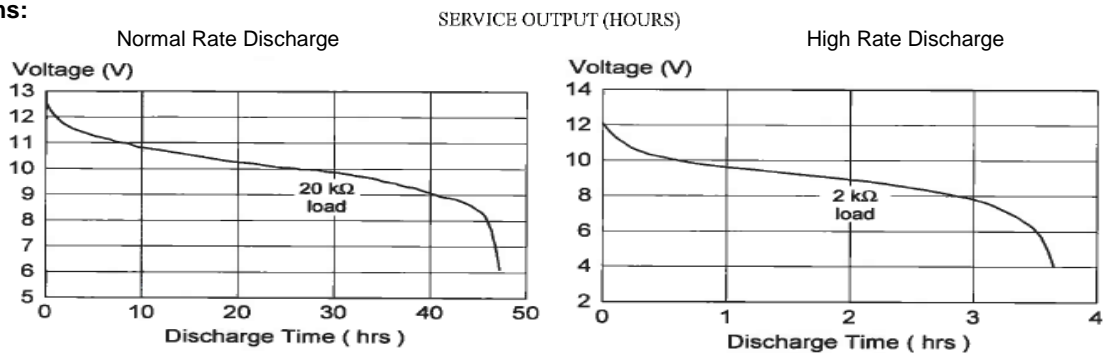
Discharge currents

standard: 0.06 mA

max. recommended current under continuous discharge: 0.5 mA

max. recommended current under pulse discharge: 5 mA

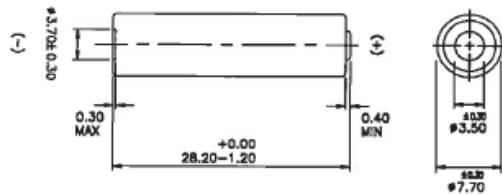
Discharge diagrams:



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

operating temperature range: - 20...60 °C

mechanical specifications:



unit: mm

nominal weight: 4.4 g



blister card
 dimensions:
 55 x 70mm
 weight:
 6.2g (incl. battery)

	ANSMANN Specifications for model:	A27 Alkaline Battery blister package
	data sheet no. / part no.	1516-0001
	supplier no.	701381
	author / date	TG / 18.06.2013