

battery type: Alkaline Manganese Dioxide
battery size: A23; 8LR23; MN21; 8LR932
chemical system: Zn / KOH-H₂O / MnO₂

Conditions

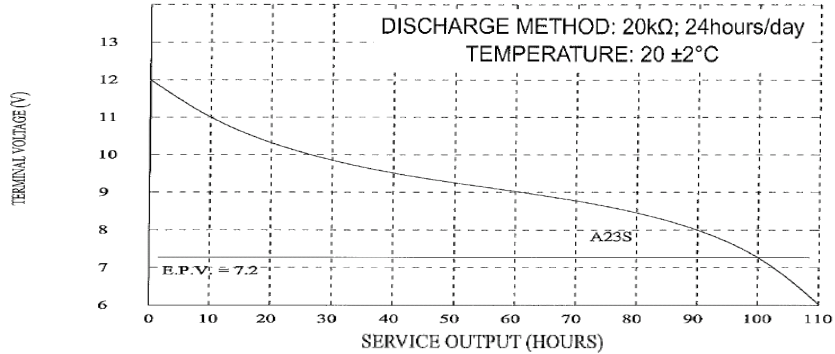
nominal voltage: 12 V
open circuit voltage: 12.3...12.9 V new battery
 12.2...12.9 V after 1 year storage at 20°C

capacity
 rated: 55 mAh discharge under 20kΩ load; 24hours/day
 End Voltage (EV): 6.0V
 minimum: 50 mAh discharge under 20kΩ load; 24hours/day
 End Voltage (EV): 6.0V

Standard discharge time
 nominal: 110 h at 20kΩ load new battery
 EV: 6.0V
 minimum: 54 h for QC measurement (at 10kΩ load; E.V.6.0V)
 50 h tested within 30 days after delivery
 after 12 months storage at room temperature

Discharge currents
 standard: 0.05 mA
 max. recommended current under continuous discharge: 0.5 mA
 max. recommended current under pulse discharge: 15 mA

Discharge diagrams:

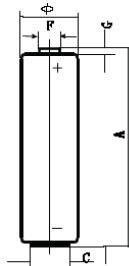


shelf life: 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)
 ≥90 % of initial capacity will remain after 12 months storage

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

mechanical specifications:

l	min	max
Φ	9.6	10.6
A	27.5	28.5
C	-	0.3
F	5.2	5.8
G	0.5	-



blister card
 dimensions:
 55 x 70mm
 weight:
 9.7g (incl. battery)

nominal weight: 7.9 g

	ANSMANN Specifications for model:	A23 Alkaline Battery blister package
	data sheet no. / part no.	5015182
	supplier no.	701381
	author / date	TG / 17.06.2013