

**battery type:**  
**battery size:**  
**chemical system:**

Alkaline Manganese Dioxide  
 A23; 8LR23; MN21; 8LR932  
 Zn / KOH-H<sub>2</sub>O / MnO<sub>2</sub>



<https://www.mega-piles.com/>

**nominal voltage:** 12 V  
**open circuit voltage:** 12.3...12.9 V  
 12.2...12.9 V

**Conditions**  
 new battery  
 after 1 year storage at 20°C

**capacity**  
 rated: 55 mAh  
 minimum: 50 mAh

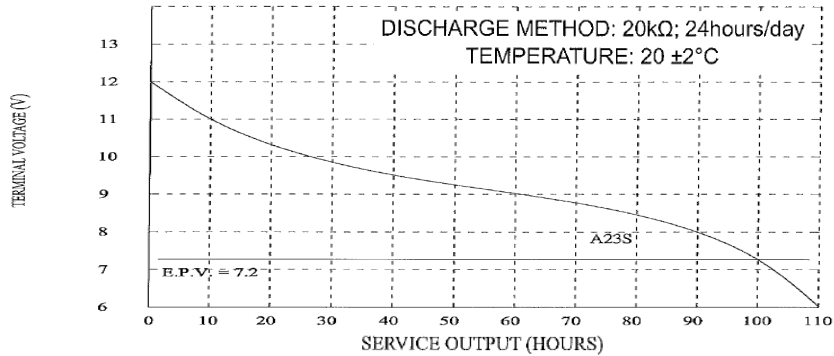
all measurements at 22 ± 2°C ambient  
 discharge under 20kΩ load; 24hours/day  
 End Voltage (EV): 6.0V  
 discharge under 20kΩ load; 24hours/day  
 End Voltage (EV): 6.0V

**Standard discharge time**  
 nominal: 110 h  
 minimum: 54 h  
 50 h

at 20kΩ load new battery  
 EV: 6.0V  
 for QC measurement (at 10kΩ load; E.V.6.0V)  
 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:**

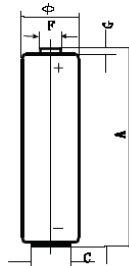


**shelf life:** 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)  
 ≥90 % of initial capacity will remain after 12 months storage

**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

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