



**THE DATASHEET OF**  
**5015182-XX**



**battery type:** Alkaline Manganese Dioxide (mercury free)  
**battery size:** A23; 8LR23; MN21; 8LR932; LR1028  
**chemical system:** Zn / KOH-H<sub>2</sub>O / MnO<sub>2</sub>

**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

**Conditions**

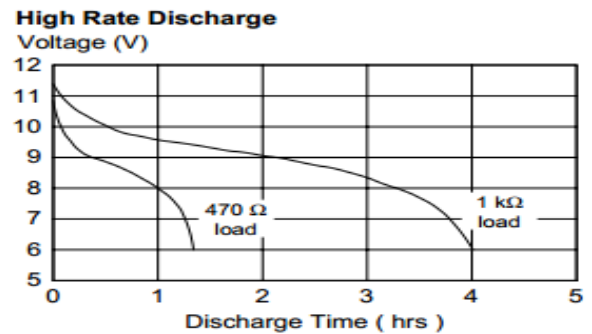
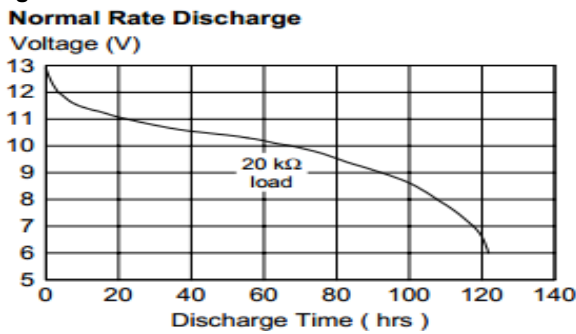
all measurements at 22 ± 2°C ambient

**capacity**  
 rated: 50 mAh discharge under 10kΩ load; 24hours/day  
 End Voltage (EV): 6.0V  
 minimum: 47 mAh discharge under 10kΩ load; 24hours/day  
 End Voltage (EV): 6.0V

**Standard discharge time**  
 nominal: 55 h at 10kΩ load new battery  
 EV: 6.0V  
 MAD: 50 h at 10kΩ load after 12 months storage at 20°C  
 (minimum average duration) EV: 6.0V  
 52 h at 10kΩ load for IQC measurement  
 EV: 6.0V (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: 15 mA

**Discharge diagrams:**



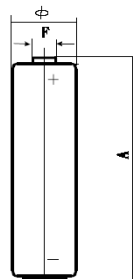
**shelf life:** 3 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)  
 ≥90 % remaining capacity after 12 months storage

**operating temperature:** - 20...60 °C  
**storage temperature:** 5...25 °C (recommended)

**mechanical specifications:**

Dimensions(mm):

| / | min   | max   |
|---|-------|-------|
| Φ | 9.90  | 10.60 |
| A | 27.70 | 28.50 |
| F | 5.2   | 5.8   |



nominal weight: 7.9 g



**ANSMANN Specifications for model:**

data sheet no. / part no.

s.n.

author / date

**Alkaline Battery "Hg free"**  
**A23 (23A, LR1028)**

703385

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## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- [View 5015182-XX on WIN SOURCE](#)
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