



THE DATASHEET OF
1515-0019-XX



battery type: Alkaline 9V Block Battery (HIGH POWER)
battery size: ANSI:1604A; IEC:6LR61; 9V
chemical system: Zn/MnO₂

Conditions

nominal voltage: 9.0 V
open circuit voltage: 9.0...10.08 V

capacity rated: 550 mAh
 all measurements at 20°C ±2°C ambient
 discharge with 270Ω resistance load; 1h/d
 End Voltage (EV): 5.4V

minimum: 11 h
 (for IQC measurement) at 180ohms constant resistance discharge; 24h
 End Voltage (EV): 4.8V

typical service output

| Test condition | | | | | Initial | | After 12months storage | After 60months storage |
|----------------|--------|--------------|-----------------|------|---------|------|------------------------|------------------------|
| Application | Load | Daily period | End voltage (V) | Unit | Normal | MAD | | |
| Clock radio | 620Ω | 2h/d | 5.4 | h | 51.0 | 47.0 | 46.1 | 29.7 |
| Toy | 270Ω | 1h/d | 5.4 | h | 21.9 | 20.8 | 20.4 | 10.8 |
| Smoke detector | 10000Ω | 24h | 7.5 | d | 23.1 | 22.0 | 21.6 | 14.4 |
| | 620Ω | 1s/h | | | | | | |
| ※ | 180 Ω | 24h | 4.8 | h | 12.7 | 11.0 | / | / |

Marked with※is a quick test item for shipment release

shelf life: 5 years under proper storage conditions

leakage resistance over discharge: no leakage
 After measured discharge capacity, continue discharge until load voltage drop to less than 40% of original; T: 20°C±2°C ; RH: 55±20%

high temperature: no leakage
 store 20 days at T: 60°C±2°C; RH:90%±5%

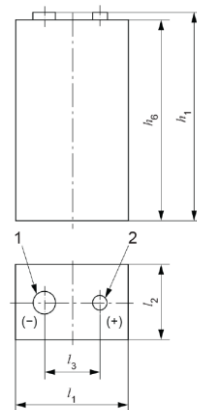
ambient temperature range: 5...30 °C

recommended storage conditions: 18...22 °C ambient temperature
 35...75 % rel. humidity

mechanical specifications

cell dimensions
 diameter I1: 25.5 ± 1.0 mm
 diameter I2: 16.5 ± 1.0 mm
 diameter I3: 12.7 ± 0.25 mm
 height h1: 47.5 ± 1.0 mm
 height h6: max. 46.4 mm

weight: 49 ± 4 g



IEC

| | | |
|--|--|----------------------------------|
| | ANSMANN Specifications for model: | Alkaline 9V Block Battery |
| | data sheet no. / part no. | |
| | s.n. | 705623 |
| | author / date | JH / 26.11.2025 |

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