**battery type:** Lithium - Manganese-Dioxide

**battery size:**
- IEC: 6AM6; ANSI: 1604LC; LA522; 9V-Block

**chemical system:** Li-MnO$_2$

**Conditions**

- **nominal voltage:** 9 V
- **open circuit voltage:**
  - new battery: 9.3…10.2 V
  - after 1 year storage at 20°C: 9.3…10.2 V
- **capacity**
  - rated: 1100 mAh discharge at 1mA load; 24h/d
  - End Voltage (EV): 5.4V
  - minimum: 950 mAh discharge at 10mA load; 24h/d
  - End Voltage (EV): 5.4V
  - 900 mAh discharge at 50mA load; 24h/d
  - End Voltage (EV): 5.4V

**typical service output (new batteries)**

- ≥ 65 h load resistor: 600Ω; EV: 5.4V discharge 24h/d
- ≥ 30 h load resistor: 270Ω; EV: 5.4V discharge 1h/d

**max. continuous discharge current:** 600 mA

**max. peak discharge current:** 1000 mA

**internal resistance**

- ≤ 2 Ω at 1kHz, sine wave measurement

**shelf life:** 10 years under proper storage conditions

**leakage resistance**

- over discharge: no leakage
- high temperature: no leakage

**ambient temperature range:** -40…60 °C

**recommended storage conditions:**

- -20…30 °C ambient temperature
- 45…75 % rel. humidity

**mechanical specifications**

- cell dimensions:
  - length L1: 26.5 -1 mm
  - length L2: 17.5 -2 mm
  - length L3: 12.7 ± 0.25 mm
  - height h1: 48.5 -2 mm
  - weight: 50 ± 3 g
- blister card dimensions: 120 x 85 mm
- weight (incl. batteries): 41 ± 2 g

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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.