

**DESCRIPTION:**

Mercury Free Alkaline Manganese Battery,
9V Size / Non-Rechargeable

CHEMICAL SYSTEM:

Alkaline Manganese

SHELF LIFE:

7 years

NOMINAL VOLTAGE:

9,0 Volts

NOMINAL DIMENSIONS:

26.5(L)mm × 17.5(W)mm × 48.5(H)mm

TERMINALS:

Nickel plated miniature snap fasteners

JACKET:

Foil jacket

APPLICATIONS:

All electronics devices e.g. toys, microphones,
smoke detectors, photographic equipment.

STORAGE TEMPERATURE:

+10 °C to + 25 °C

Should be stored in dry and cool place.

NOMINAL WEIGHT:

44 g

CROSS REFERENCES:

| TESLA | JIS | IEC | EVEREADY | DURACELL |
|-------|-------|-------|----------|----------|
| 6LR61 | 6LR61 | 6LR61 | 522 | MN1604 |

DISCHARGE / APPLICATION TESTS AND LEAKAGE AND DEFORMATION CHECK:

| Application: | Smoke detector | Toy | Clock Radio |
|---------------|-------------------------------|---------|-------------|
| Load : | Background:10kΩ Pulse:620Ω | 270Ω | 620 Ω |
| Daily period: | 1 s / h, 24 h / d | 1 h / d | 2 h / d |
| EV: (V) | 7.5 V | 5.4 V | 5.4 V |
| MAD: | 16 d | 12 h | 33 h |

Test result:

| Sample no. | | | |
|-------------------|----------------|----------------|----------------|
| 1 | 21.6 d | 20.7 h | 51.1 h |
| 2 | 21.6 d | 20.8 h | 50.5 h |
| 3 | 21.5 d | 20.7 h | 51.2 h |
| 4 | 21.5 d | 20.7 h | 50.4 h |
| 5 | 21.5 d | 20.5 h | 50.6 h |
| 6 | 21.5 d | 20.6 h | 50.5 h |
| 7 | 21.4 d | 20.8 h | 50.6 h |
| 8 | 21.5 d | 20.7 h | 51.2 h |
| Average | 21.5 d | 20.7 h | 50.8 h |
| Verdict | Pass | Pass | Pass |
| Leakage check | No leakage | No leakage | No leakage |
| Deformation check | No deformation | No deformation | No deformation |