

**DESCRIPTION:**

Mercury Free Alkaline Manganese Battery,
AAA Size / Non-Rechargeable

CHEMICAL SYSTEM:

Alkaline Manganese

SHELF LIFE:

10 years

NOMINAL VOLTAGE:

1,5 Volts

NOMINAL DIMENSIONS:

Ø 10,5 mm x 44,5 mm

TERMINALS:

Protruded positive(+) and flat negative (-) contacts

JACKET:

Foil jacket

APPLICATIONS:

All electronic devices, e.g. toys, data banks, audio appliances, remote controls, keyboards, computer mouse and other IT devices.

STORAGE TEMPERATURE:

+10 °C to + 25 °C

Should be stored in dry and cool place.

NOMINAL WEIGHT:

11,5 g

CROSS REFERENCES:

TESLA	JIS	IEC	ENERGIZER	DURACELL	VARTA
LR03	LR03	LR03	E92	MX2400	4003

DISCHARGE / APPLICATION TESTS AND LEAKAGE AND DEFORMATION CHECK:

Application:	Portable lighting	Remote control	Toy	Digital audio
Load:	5.1 Ω	24 Ω	5.1 Ω	50 mA
Daily period:	4 min / h, 8 h / d	15 s / min, 8 h / d	1 h / d	1 h / 12 h, 24 h / d
EV: (V)	0.9 V	1.0 V	0.8 V	0.9 V
MAD:	130 min	14.5 h	120 min	12 h

Test result:

Sample no.				
1	236.9 min	20.7 h	254.6 min	20.4 h
2	233.3 min	20.7 h	252.7 min	20.3 h
3	233.8 min	20.6 h	252.9 min	20.4 h
4	233.8 min	20.8 h	253.9 min	20.7 h
5	233.8 min	20.6 h	248.9 min	20.3 h
6	237.1 min	20.6 h	252.8 min	20.7 h
7	236.8 min	20.7 h	252.2 min	20.4 h
8	233.7 min	20.6 h	253.1 min	20.4 h
Average	234.9 min	20.7 h	252.6 min	20.5 h
Verdict	Pass	Pass	Pass	Pass
Leakage check	No leakage	No leakage	No leakage	No leakage
Deformation check	No deformation	No deformation	No deformation	No deformation