



**DESCRIPTION:**

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

**CHEMICAL SYSTEM:**

Alkaline Manganese

**SHELF LIFE:**

10 years

**NOMINAL VOLTAGE:**

1,5 Volts

**NOMINAL DIMENSIONS:**

Ø14,5 mm × 50,5 mm

**TERMINALS:**

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

**JACKET:**

Foil jacket

**APPLICATIONS:**

All electronic devices, e.g. toys, digital camera,  
mobile phone, PDA, photographic equipment,  
data banks, calculators, audio appliances, remote  
controls, paging machines.

**STORAGE TEMPERATURE:**

+10 °C to + 25 °C

Should be stored in dry and cool place.

**NOMINAL WEIGHT:**

23,9 g

**CROSS REFERENCES:**

TESLA	JIS	IEC	ENERGIZER	DURACELL
LR6	LR6	LR6	E91	MX1500

## DISCHARGE / APPLICATION TESTS AND LEAKAGE AND DEFORMATION CHECK:

Application:	Portable lighting (LED)	Toy, non-motorized	Motor/ Toy	Radio / Clock / Remote Control	CD, digital audio, wireless gaming and accessories	High drain application
Load:	3.9 Ω	250 mA	3.9 Ω	50 mA	100 mA	1500mW 650mW 0mW
Daily period:	4 min / h, 8 h / d	1 h / d	1 h / d	1 h / 8 h, 24 h / d	1 h / d	1.5W2S/0.65 W28S, 10t/h, 24h/d
EV: (V)	0.9 V	0.9 V	0.8 V	1.0 V	0.9 V	1.05V
MAD:	230 min	5 h	5 h	30 h	15 h	40 pulses

### Test result:

Sample no.						
1	427.2 min	8.3 h	7.9 h	48.6 h	23.6 h	109
2	427.1 min	8.2 h	7.8 h	48.8 h	23.7 h	109
3	426.9 min	8.2 h	8.0 h	48.9 h	23.8 h	109
4	427.2 min	8.2 h	7.9 h	49.5 h	23.7 h	117
5	423.5 min	8.3 h	7.9 h	49.0 h	23.9 h	108
6	423.1 min	8.2 h	7.9 h	49.0 h	23.9 h	117
7	423.7 min	8.2 h	7.8 h	48.8 h	24.4 h	117
8	426.9 min	8.2 h	7.8 h	48.9 h	23.9 h	108
Average	425.7 min	8.2 h	7.9 h	48.9 h	23.9 h	112
Verdict	Pass	Pass	Pass	Pass	Pass	Pass
Leakage check	No leakage	No leakage	No leakage	No leakage	No leakage	No leakage
Deformation check	No deformation	No deformation	No deformation	No deformation	No deformation	No deformation