

Alkaline Battery LR03/AAA Size, PK40

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Overview

Batteries in all their aspects should be in accordance with IEC 60086-1 and IEC 60086-2.

Specifications

Battery Size	: Alkaline LR03
Battery Voltage	: 1.5V
Open Circuit Voltage	: 1.5Volt +0.15/-0
Nominal Capacity	: 1100mAh (Test condition: 75Ω Load, Continuous Discharge and End Voltage 0.9V)
Battery Weight	: 12 ±0.5g
Battery Shelf Life	: 60 Months

Performance

Battery service life should meet the values as stated in below table

Discharges					
Test Condition			Average Duration @ 20°C*		
Load	Daily Period	End Voltage	Initial	After 12 months Storage**	After 36 months Storage**
75Ω	4 h/d	0.9V	65.0 h	58.9 h	54.4h
10Ω	1 h/d	0.9V	7.5 h	7.2 h	6.6 h
20Ω	continuous	0.9V	16.5 h	14.4 h	13.3h
5.1Ω	4 min/h-8h/d	0.9V	3.5h	3.2h	3.0h
3.6Ω	15 sec/min	0.9V	560 pulses	520 pulses	475 pulses

* Average service life will be calculated without the highest and the lowest of 9 samples

**Storage conditions: temperature 20°C ±2°C and the Relative Humidity shall be 65 ±20%

Heavy Metal Content : Mercury (Hg) content should be less than 1ppm
Cadmium (Cd) content should be less than 5ppm
Lead (Pb) content should be less than 15ppm

Storage

- Store in cool, dry place before use
- Do not keep batteries at temperature of 45°C or above
- Do not keep batteries at relative humidity of 75% or above

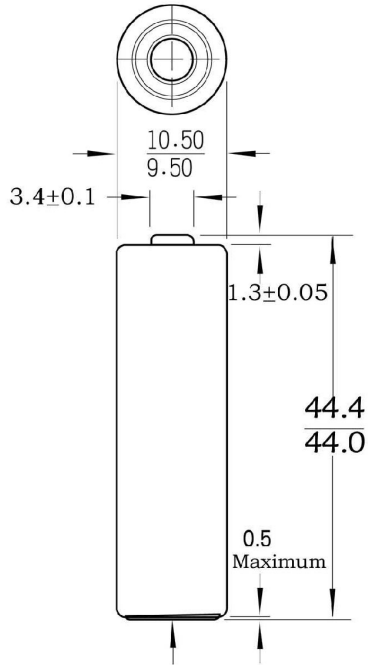
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Diagram



Part Number Table

Description	Part Number
Alkaline Battery, LR03/AAA Size, PK40	MP-PSG90902

Dimensions : Millimetres

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