

# Alkaline Battery

## LR06 / AA Size, PK20

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### Overview

Batteries in all their aspects should be in accordance with IEC 60086-1 and IEC 60086-2, IEC 60086-5.

### Specifications

Battery Size	: LR06 / AA
Battery Voltage	: 1.5V
Battery Capacity	: 2600mAh (Test condition: 43Ω Load, Continuous Discharge and End Voltage 0.9V)
Battery Terminal	: Raised Positive and Flat Negative
Battery Dimensions (Dia. × H)	: 14.5mm × 50.4mm
Battery Weight	: 24 ±1g
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**
43Ω	4 h/d	0.9V	80 h	73.6 h	68 h
10Ω	1 h/d	0.9V	18 h	16.6 h	15.3 h
10Ω	Continuous	0.9V	18.2 h	16.7 h	15.5 h
3.9Ω	1 h/d	0.9V	6.5 h	6 h	5.5 h
1.8Ω	15 sec/min	0.9V	550 Pulses	506 Pulses	468 Pulses

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

\*\* Storage conditions: Temperature 20°C ±2°C & the Relative Humidity will 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

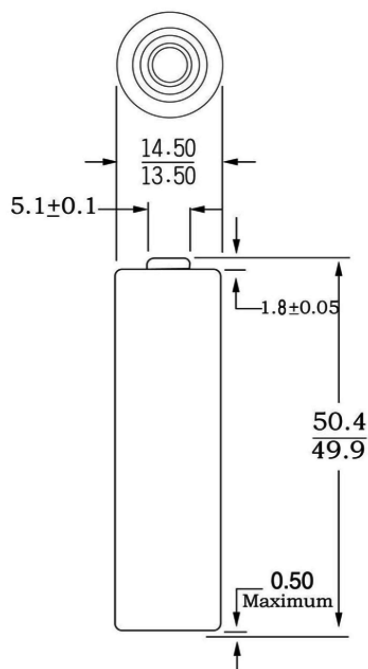
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## Diagram



## Part Number Table

Description	Part Number
Alkaline Battery, LR06 / AA Size, PK20	MP-PE000001

Dimensions : Millimetres

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