

Alkaline Battery LR06/AA Size, LR03/AAA Size, PK20

multicompPRO



Overview

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

Specifications

Battery Size	: LR03 / AAA; LR06 / AA
Battery Voltage	: 1.5V
Battery Capacity	: AAA: 1100mAh / AA: 2600mAh
Battery Terminal	: Raised Positive and Flat Negative
Battery Dimensions (Dia. × H)	: AAA: 10.5mm × 44.4mm / AA: 14.5mm × 50.4mm
Battery Weight	: AAA: 12 ± 0.5g / AA: 24 ± 1g
Battery Shelf Life	: 60 Months

Performance

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

Size AAA

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 h	58.9 h	54.4 h
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	13.3 h
5.1Ω	4 min/h – 8 h/d	0.9V	3.5 h	3.2 h	3 h
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 & the Relative Humidity will be 65% ±20%

Size AA

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

Alkaline Battery LR06/AA Size, LR03/AAA Size, PK20

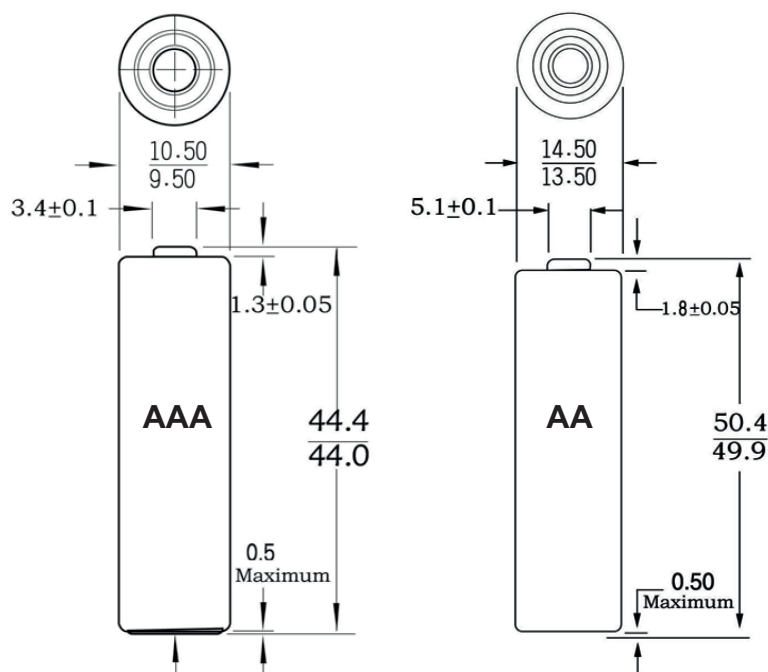
multicompPRO

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

Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
Alkaline Battery, LR06/AA Size, LR03/AAA Size, PK20	MP-PE000004

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.