Panasonic Industrial

Part Number: LR03XWA

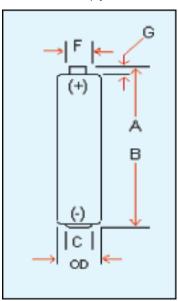
(Replaces Panasonic part number AM-4PI)

Alkaline-Zinc/Manganese Dioxide



Industry Standard Dimensions mm (inches)

Dimensions Comply with ANSI and IEC Standards



Dimensions	Millimeters	Inches
A Max	44.5	1.752
B Min	43.5	1.713
C Min	4.3	0.169
F Max	3.8	0.150
G Min	0.8	0.031
OD Max	10.5	0.413
OD Min	9.5	0.374

Batteries for every application and industry including:

- Medical
- Hotel/Motel/Restaurant
 - Transportation
- Communications
 Government/Municipality
 HVAC

- Contractors
- Janitorial/Sanitation
- Power Plants

- Manufacturing
- Military/Defense
- Security

Specifications

Chemical System:	Alkaline-Zinc/Manganese Dioxide (Zn/MnO2)	
Designation:	ANSI-24A, IEC-LR03	
Nominal Voltage:	1.5V	
Operating Temperature Range:	-20°C to 54°C (-4°F to 130°F)	
Typical Weight:	11.0 grams (0.38 oz.)	
Typical Volume:	3.8 cm³ (0.2 in.³)	
Terminals:	Cap and base	
Shelf Life:	7 years (80% Capacity)	
Heavy Metals Content:	No added Mercury, Cadmium or Lead	

Important Notice: This data sheet contains typical information specific to products manufactured at the time of its publication.

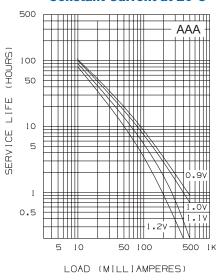


Panasonic Industrial

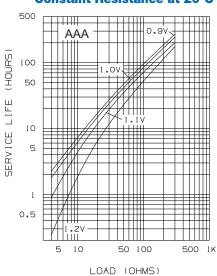
Part Number: LR03XWA (Replaces Panasonic part number AM-4PI)

Alkaline-Zinc/Manganese Dioxide

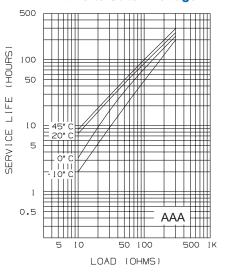
Typical Discharge Characteristics with Constant Current at 20°C



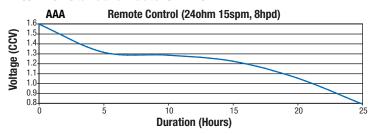
Typical Discharge Characteristics with Constant Resistance at 20°C

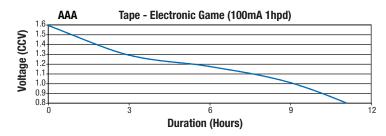


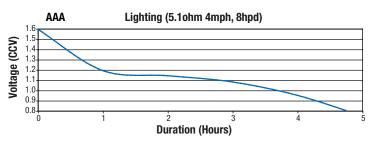
Typical Temperature Characteristics 0.9 Volts Cutoff Voltage

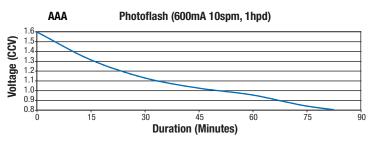


IEC/ANSI Standard Tests @ 20°C









This information is generally typical and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Cell/battery performance and service life depends on the operating temperature, cut-off voltage and load applied to cell/battery in a specific application. It is the responsibility of each user to ensure that each cell/battery application is adequately designed safe and compatible with all conditions encountered during use and in conformance with existing standards and requirements. Contact Panasonic for the latest information.

©2009 Panasonic Energy Corporation of America. All rights reserved. All reproductions prohibited without proper authorization. Characteristics and specifications subject to change without prior notification.

Panasonic ideas for life