Part Number: LR14XWA

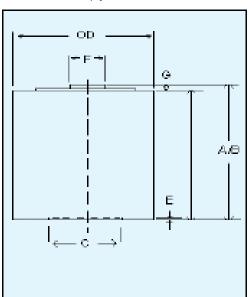
(Replaces Panasonic part number AM-2PI)

Alkaline-Zinc/Manganese Dioxide



Industry Standard Dimensions mm (inches)

Dimensions Comply with ANSI and IEC Standards



Dimensions	Millimeters	Inches
A Max	50.0	1.696
B Min	48.5	1.909
C Min	13.0	0.512
E Max	0.9	0.035
F Max	7.5	0.295
G Min	1.5	0.059
OD Max	26.2	1.031
OD Min	24.9	0.98

Specifications

Chemical System:	Alkaline-Zinc/Manganese Dioxide (Zn/MnO2)	
Designation:	ANSI-14A, IEC-LR14	
Nominal Voltage:	1.5V	
Operating Temperature Range:	-20°C to 54°C (-4°F to 130°F)	
Typical Weight:	70 grams (2.47 oz.)	
Typical Volume:	26.9 cm³ (1.6 in.³)	
Terminals:	Flat (Recessed Negative)	
Shelf Life:	7 years (80% Capacity)	
Heavy Metals Content:	No added Mercury, Cadmium or Lead	

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







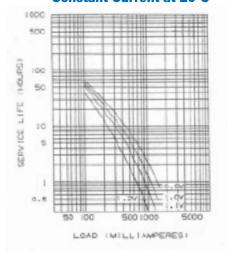




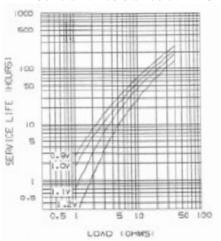
Part Number: LR14XWA (Replaces Panasonic part number AM-2PI)

Alkaline-Zinc/Manganese Dioxide

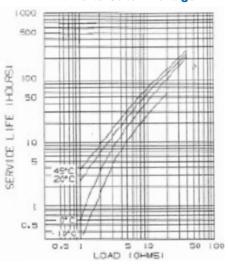
Typical Discharge Characteristics with Constant Current at 20°C



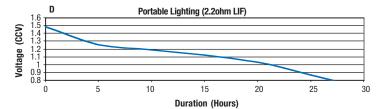
Typical Discharge Characteristics with Constant Resistance at 20°C

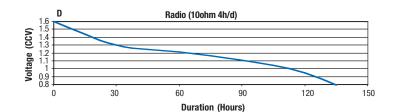


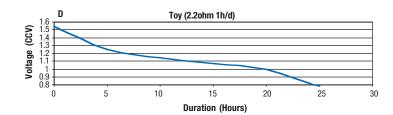
Typical Temperature Characteristics 0.9 Volts Cutoff Voltage

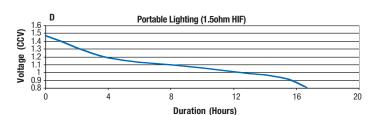


IEC/ANSI Standard Tests @ 20°C









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Part Number: LR03XWA

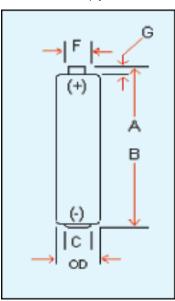
(Replaces Panasonic part number AM-4PI)

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

Janitorial/Sanitation

- Communications
 Government/Municipality
 HVAC
- Contractors
- Manufacturing
- Military/Defense

- Power Plants

Transportation

Security

Specifications

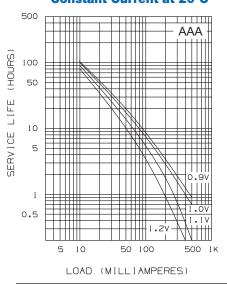
Chemical System:	Alkaline-Zinc/Manganese Dioxide (Zn/MnO2)	
Designation:	ANSI-24A, IEC-LR03	
Nominal Voltage:	1.5V	
Operating Temperature Range:	-20°C to 54°C (-4°F to 130°F)	
Typical Weight:	11.0 grams (0.38 oz.)	
Typical Volume:	3.8 cm³ (0.2 in.³)	
Terminals:	Cap and base	
Shelf Life:	7 years (80%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



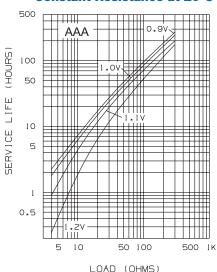
Part Number: LR03XWA (Replaces Panasonic part number AM-4PI)

Alkaline-Zinc/Manganese Dioxide

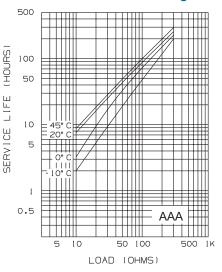
Typical Discharge Characteristics with Constant Current at 20°C



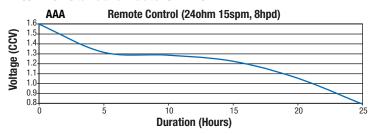
Typical Discharge Characteristics with Constant Resistance at 20°C

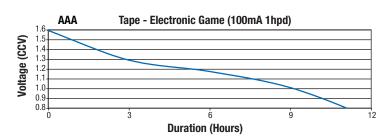


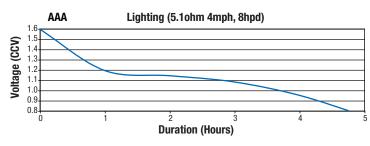
Typical Temperature Characteristics 0.9 Volts Cutoff Voltage

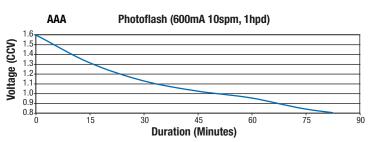


IEC/ANSI Standard Tests @ 20°C









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Part Number: LR20XWA

(Replaces Panasonic part number AM-1PI)

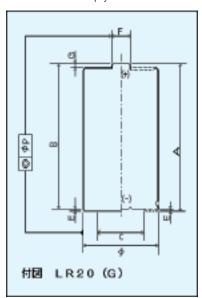
Alkaline-Zinc/Manganese Dioxide



Alkaline-Zinc/Manganese Dioxide

Industry Standard Dimensions mm (inches)

Dimensions Comply with ANSI and IEC Standards



k. inch Min. inch
421 –
- 2.343
709
039 –
374 –
059
.346 1.272
.25 –

Typical

Typical

Nominal

Voltage:

Operating

Specifications

Chemical

Designation:

System:

-20°C to 54°C (-4°F to 130°F) **Temperature** Range:

1.5V

(Zn/MnO2)

ANSI-13A, IEC-LR20

141 grams (4.97 oz.) Weight:

55.9 cm³ (3.4 in.³) Volume:

Terminals: Flat (Recessed Negative)

Shelf Life: 7 years (80% Capacity)

Heavy Metals No added Mercury, **Content:** Cadmium or Lead

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- Transportation

- Communications
- Government/MunicipalityHVAC

- Contractors
- Janitorial/Sanitation
- Power Plants

- Manufacturing
- Military/Defense
- Security







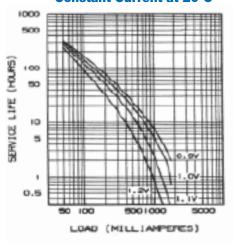




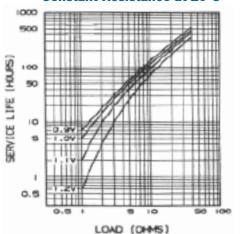
Part Number: LR20XWA (Replaces Panasonic part number AM-1PI)

Alkaline-Zinc/Manganese Dioxide

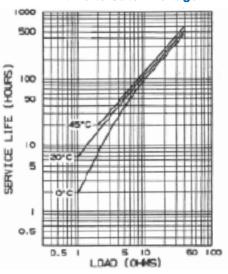
Typical Discharge Characteristics with



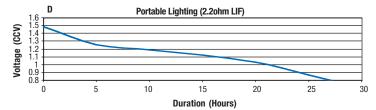
Typical Discharge Characteristics with Constant Resistance at 20°C

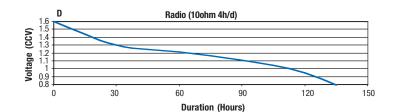


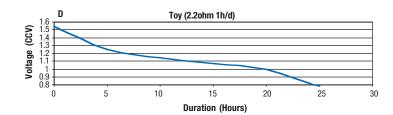
Typical Temperature Characteristics 0.9 Volts Cutoff Voltage

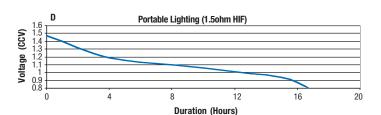


IEC/ANSI Standard Tests @ 20°C









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Part Number: LR6XWA

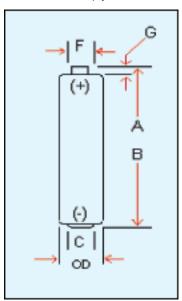
(Replaces Panasonic part number AM-3PI)

Alkaline-Zinc/Manganese Dioxide



Industry Standard Dimensions mm (inches)

Dimensions Comply with ANSI and IEC Standards



Dimensions	Millimeters	Inches
A Max	50.5	1.988
B Min	49.5	1.949
C Min	7.0	0.276
F Max	5.5	0.217
G Min	1.0	0.039
OD Max	14.5	0.571
OD Min	13.5	0.531

Batteries for every application and industry including:

Medical

Contractors

- Hotel/Motel/Restaurant
- Communications
 Government/Municipality
 HVAC
 - Janitorial/Sanitation
- Manufacturing Military/Defense
- Transportation
- Power Plants
- Security

Specifications

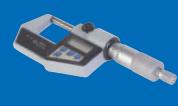
Chemical System:	Alkaline-Zinc/Manganese Dioxide (Zn/MnO2)	
Designation:	ANSI-15A, IEC-LR6	
Nominal Voltage:	1.5V	
Operating Temperature Range:	-20°C to 54°C (-4°F to 130°F)	
Typical Weight:	23 grams (0.8 oz.)	
Typical Volume:	8.1 cm³ (0.5 in.³)	
Terminals:	Cap and base	
Shelf Life:	7 years (80% Capacity)	
Heavy Metals Content:	No added Mercury, Cadmium or Lead	







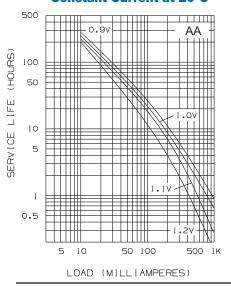




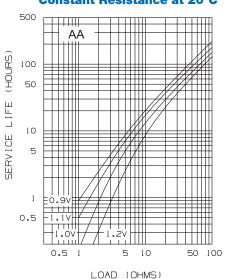
Part Number: LR6XWA (Replaces Panasonic part number AM-3PI)

Alkaline-Zinc/Manganese Dioxide

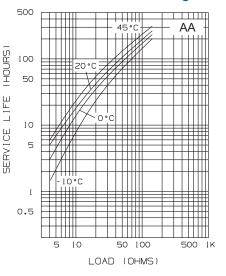
Typical Discharge Characteristics with Constant Current at 20°C



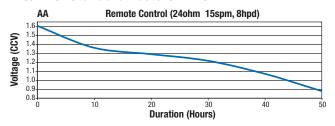
Typical Discharge Characteristics with Constant Resistance at 20°C

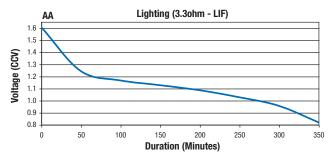


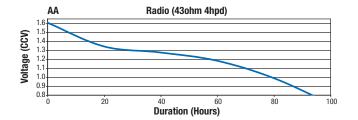
Typical Temperature Characteristics 0.9 Volts Cutoff Voltage

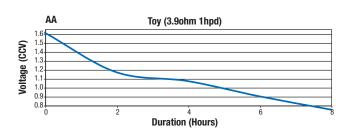


IEC/ANSI Standard Tests @ 20°C









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