Panasonic Industrial

C (LR14XWA)

Part Number: LR14XWA

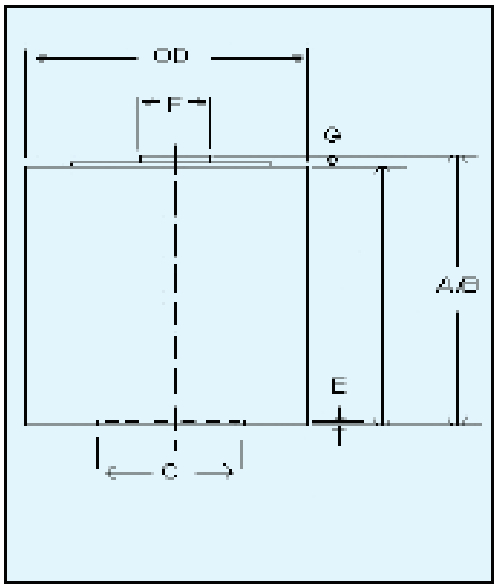
(Replaces Panasonic part number AM-2PI)

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 cm^3 (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
- Communications
- Contractors
- Manufacturing
- Hotel/Motel/Restaurant
- Government/Municipality
- Janitorial/Sanitation
- Military/Defense
- Transportation
- HVAC
- Power Plants
- Security

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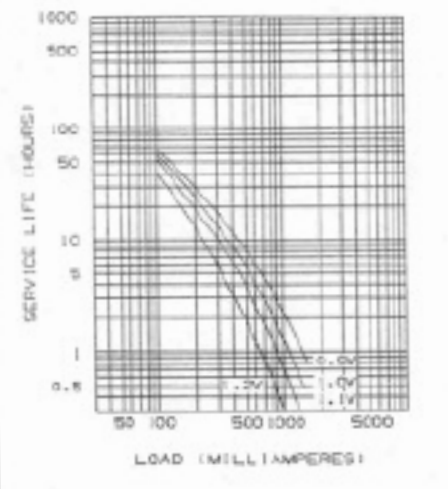


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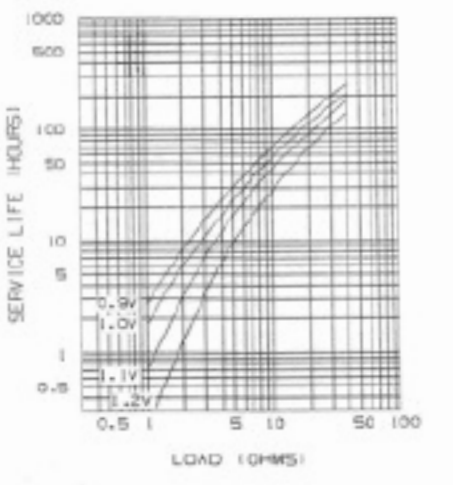
Part Number: LR14XWA (Replaces Panasonic part number AM-2PI)

Alkaline-Zinc/Manganese Dioxide

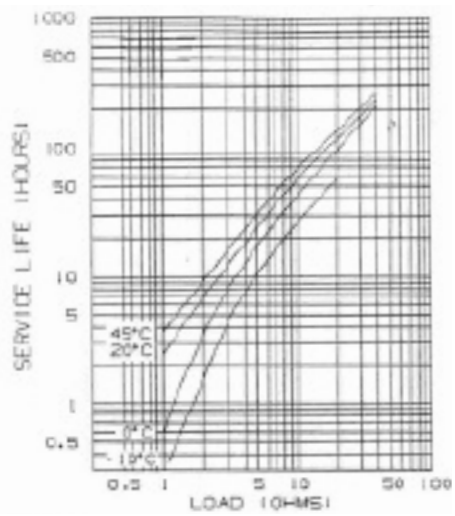
Typical Discharge Characteristics with Constant Current at 20°C



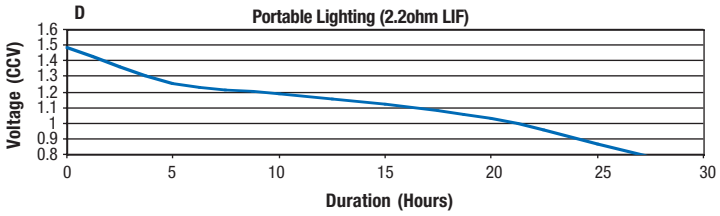
Typical Discharge Characteristics with Constant Resistance at 20°C

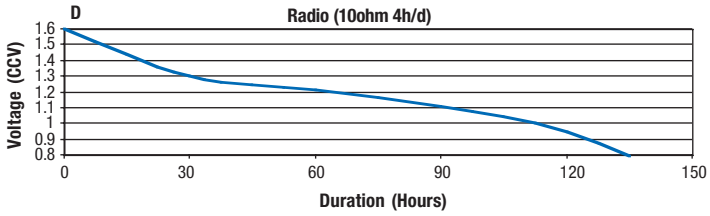


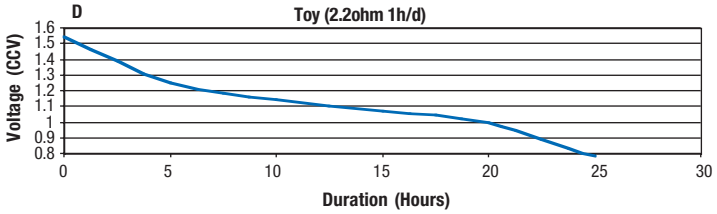
Typical Temperature Characteristics 0.9 Volts Cutoff Voltage

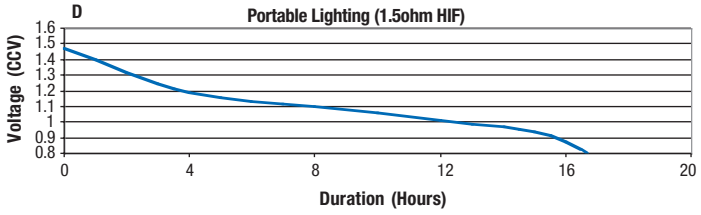


IEC/ANSI Standard Tests @ 20°C









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Panasonic Industrial

AAA (LR03XWA)

Part Number: LR03XWA

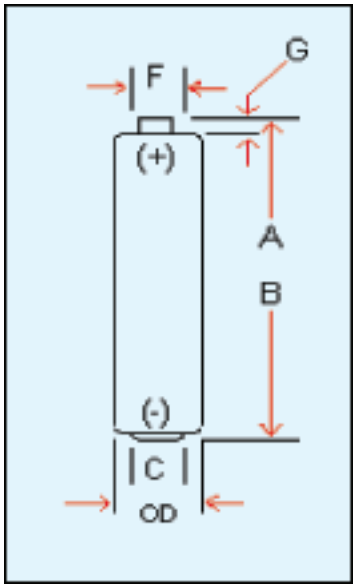
(Replaces Panasonic part number AM-4PI)

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

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 cm^3 (0.2 $in.^3$)
Terminals:	Cap and base
Shelf Life:	7 years (80% Capacity)
Heavy Metals Content:	No added Mercury, Cadmium or Lead

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- Contractors
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- Government/Municipality
- Janitorial/Sanitation
- Military/Defense
- Transportation
- HVAC
- Power Plants
- Security

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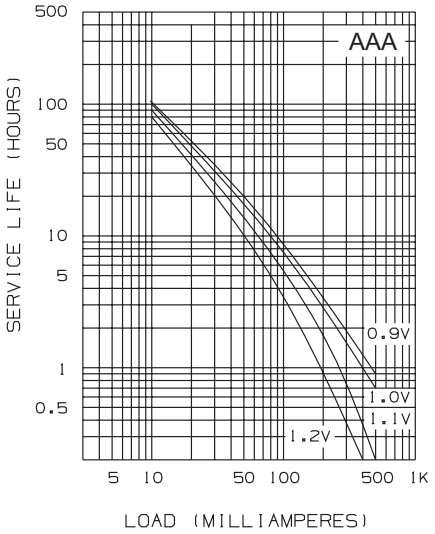


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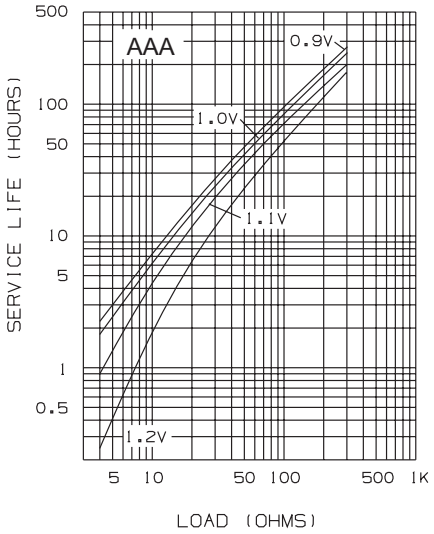
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Alkaline-Zinc/Manganese Dioxide

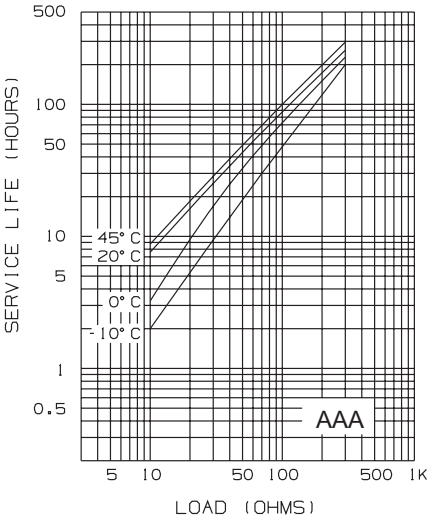
Typical Discharge Characteristics with Constant Current at 20°C



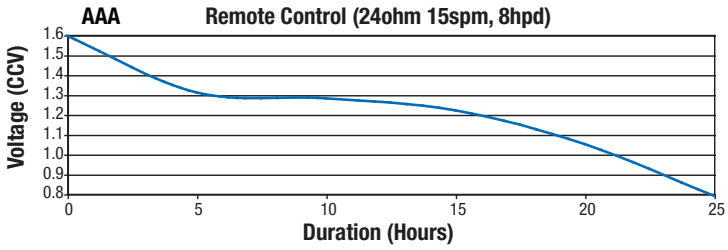
Typical Discharge Characteristics with Constant Resistance at 20°C

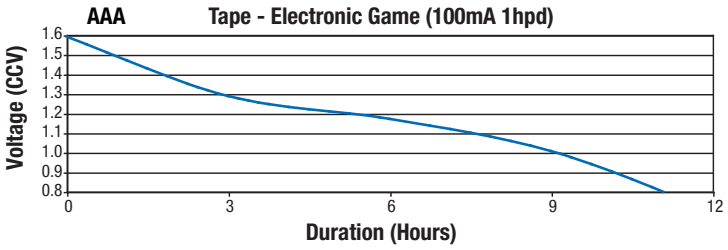


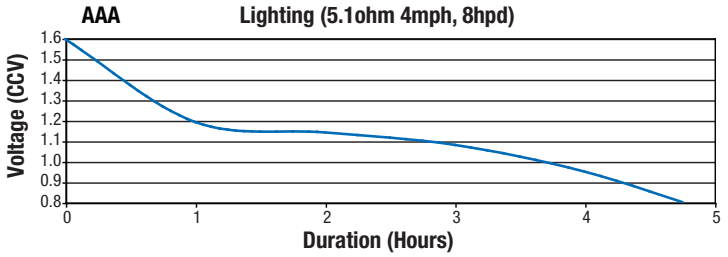
Typical Temperature Characteristics 0.9 Volts Cutoff Voltage

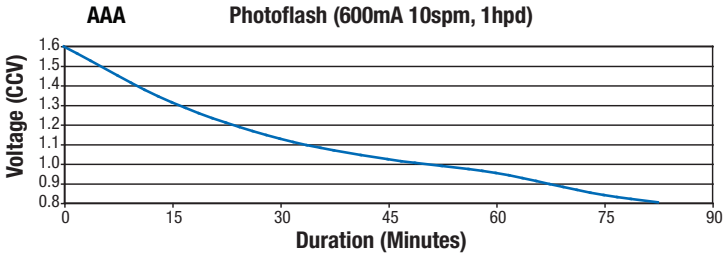


IEC/ANSI Standard Tests @ 20°C









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e-mail: ind_batteries@ca.panasonic.com

Panasonic Industrial

D (LR20XWA)

Part Number: LR20XWA

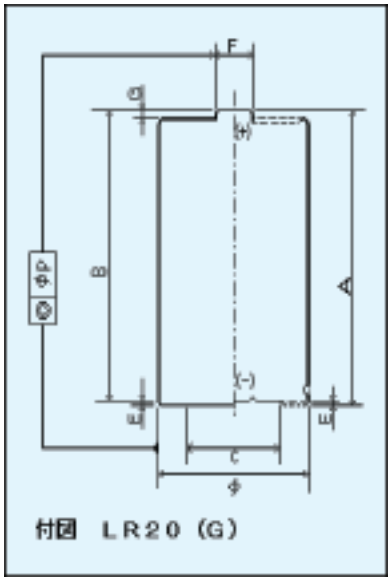
(Replaces Panasonic part number AM-1PI)

Alkaline-Zinc/Manganese Dioxide



Industry Standard Dimensions mm (inches)

Dimensions Comply with ANSI and IEC Standards



	Max. inch	Min. inch
A	2.421	–
B	–	2.343
C	–	.709
E	.039	–
F	.374	–
G	–	.059
ϕ	1.346	1.272
ϕP	0.25	–

Specifications

Chemical System:	Alkaline-Zinc/Manganese Dioxide (Zn/MnO2)
Designation:	ANSI-13A, IEC-LR20
Nominal Voltage:	1.5V
Operating Temperature Range:	-20°C to 54°C (-4°F to 130°F)
Typical Weight:	141 grams (4.97 oz.)
Typical Volume:	55.9 cm^3 (3.4 $in.^3$)
Terminals:	Flat (Recessed Negative)
Shelf Life:	7 years (80% Capacity)
Heavy Metals Content:	No added Mercury, Cadmium or Lead

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- Contractors
- Manufacturing
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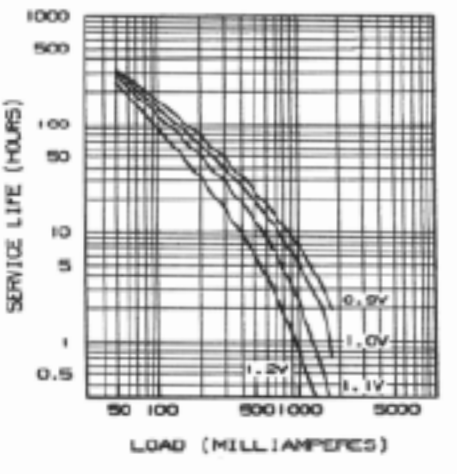


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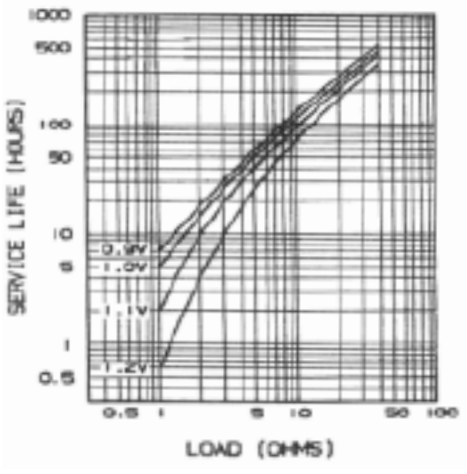
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Alkaline-Zinc/Manganese Dioxide

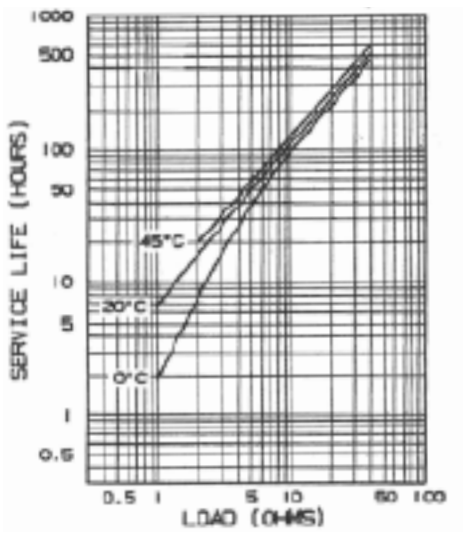
Typical Discharge Characteristics with Constant Current at 20°C



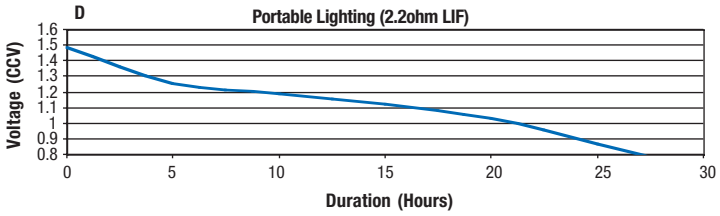
Typical Discharge Characteristics with Constant Resistance at 20°C

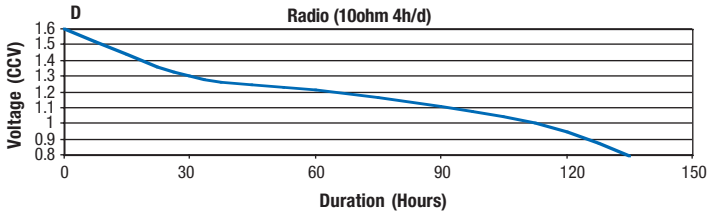


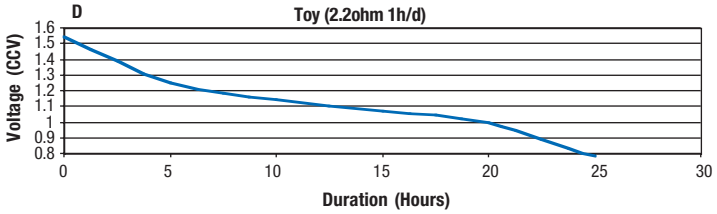
Typical Temperature Characteristics 0.9 Volts Cutoff Voltage

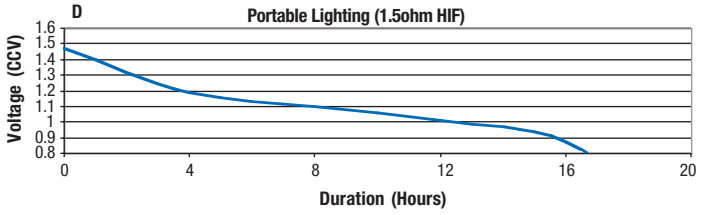


IEC/ANSI Standard Tests @ 20°C









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Panasonic Industrial

AA (LR6XWA)

Part Number: LR6XWA

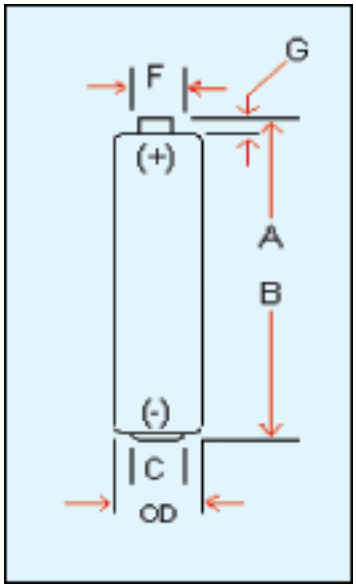
(Replaces Panasonic part number AM-3PI)

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

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 cm^3 (0.5 $in.^3$)
Terminals:	Cap and base
Shelf Life:	7 years (80% Capacity)
Heavy Metals Content:	No added Mercury, Cadmium or Lead

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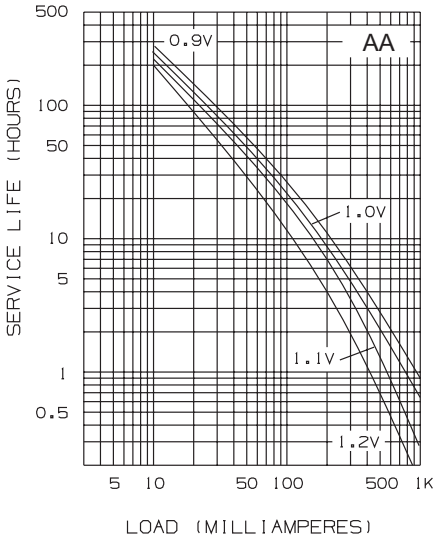


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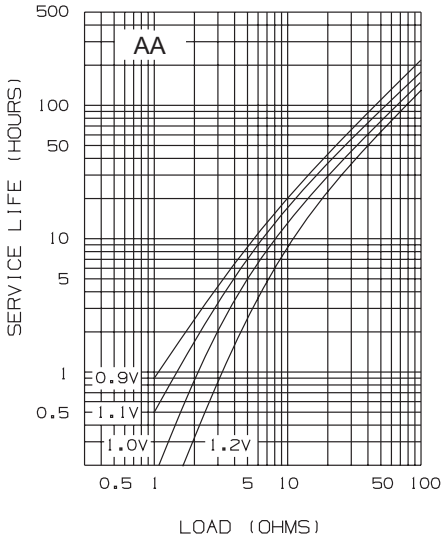
Part Number: LR6XWA (Replaces Panasonic part number AM-3PI)

Alkaline-Zinc/Manganese Dioxide

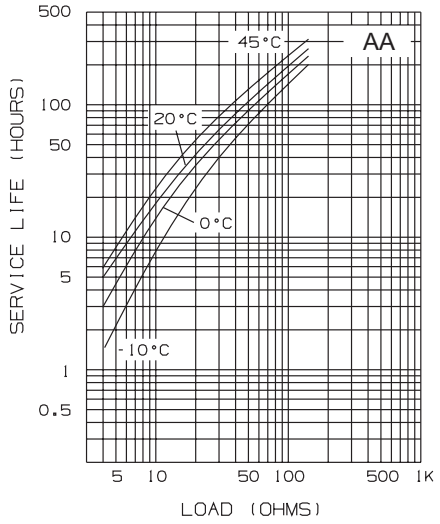
Typical Discharge Characteristics with Constant Current at 20°C



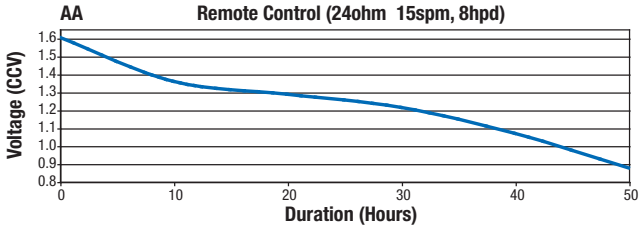
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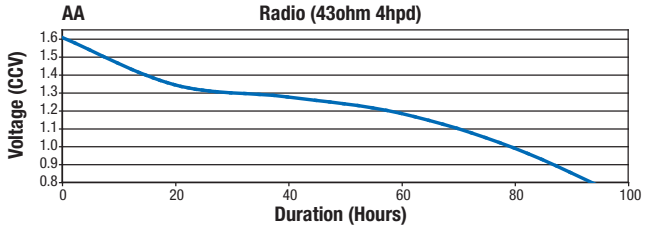


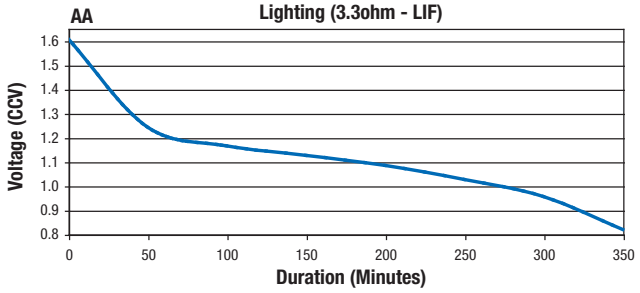
Typical Temperature Characteristics 0.9 Volts Cutoff Voltage

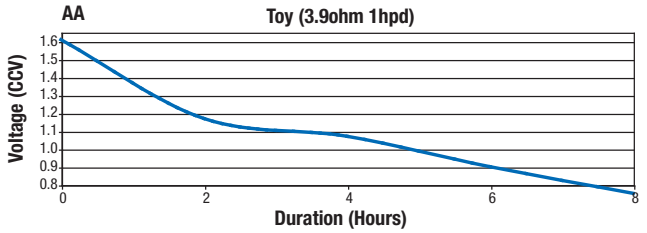


IEC/ANSI Standard Tests @ 20°C









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