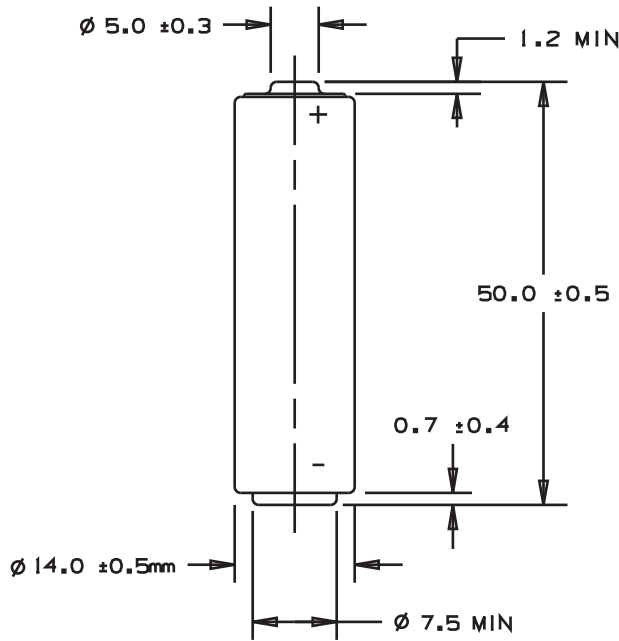




# Kodak Alkaline Battery

KAA

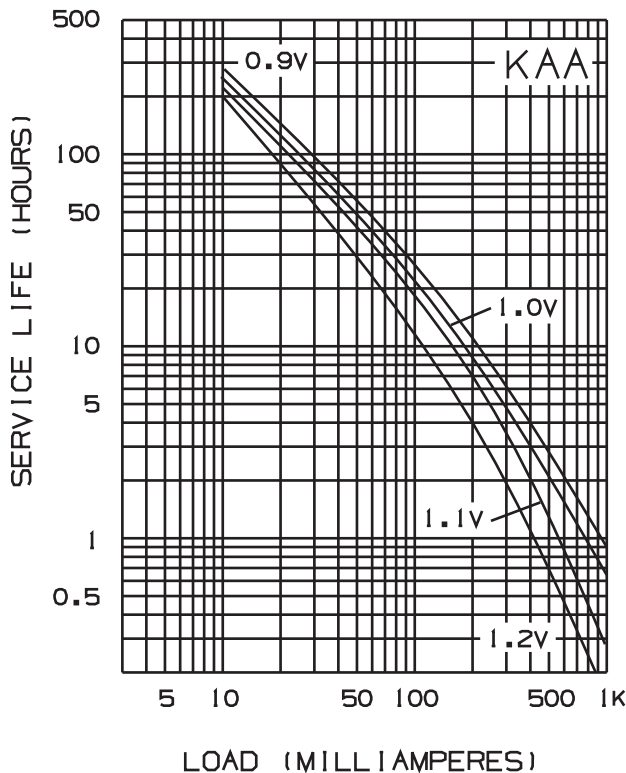
Effective : July 2003



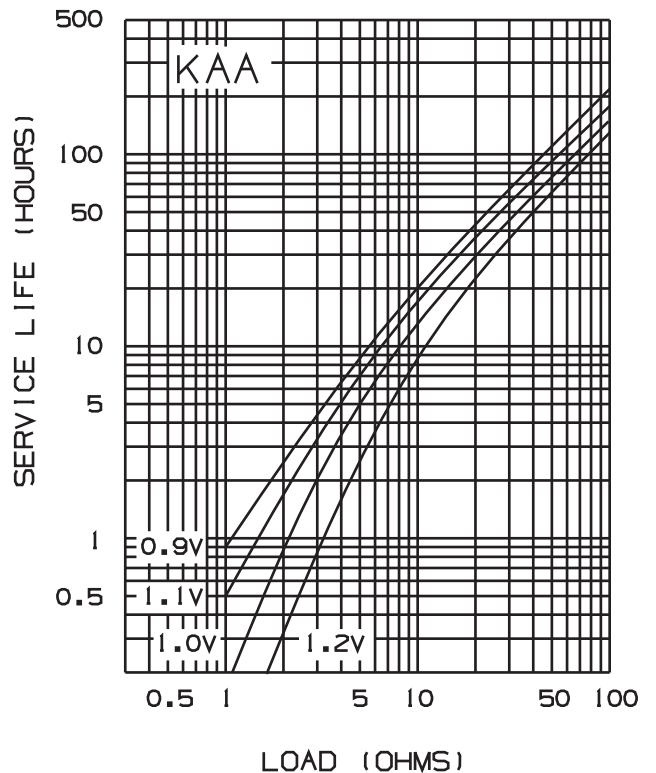
System:	Alkaline-Manganese Dioxide
Designation:	ANSI 15A, IEC LR6
Nominal Voltage:	1.5 Volts
Nominal Capacity:	2,900 mAh at 75 Ohms to 0.8 Volts
Internal Impedance:	0.10 Ohms (typical)
Temperature Range:	-20°C to 54°C
Average Weight:	23.0 grams
Volume:	8.0 cm <sup>3</sup>
Terminals:	Flat Contacts, Protruding Negative
Jacket:	Foil Label

NOTE: 1) No added Mercury / 99.9999% Mercury free  
 2) No added Lead / 99.999% Lead free  
 3) This battery complies with: ANSI C18, IEC 60086, & EEC directive 91/157 standards.

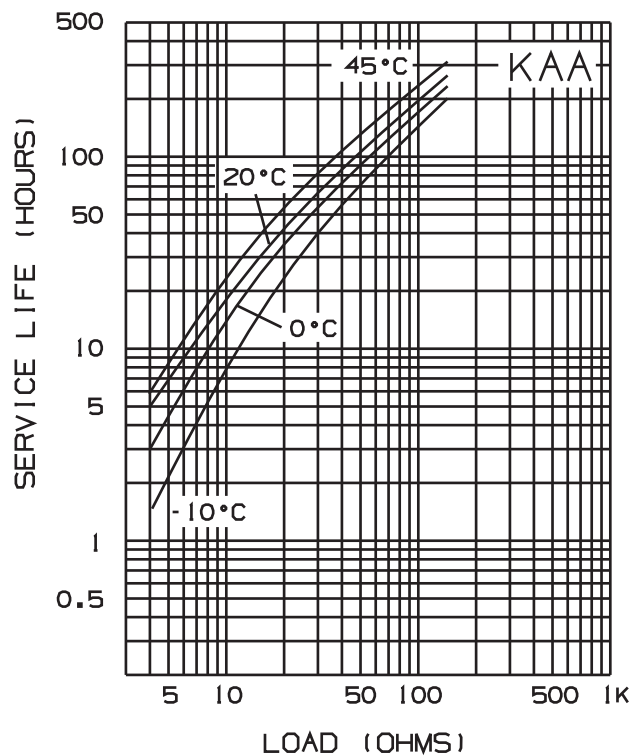
Typical Discharge Characteristics With Constant Current At 20°C



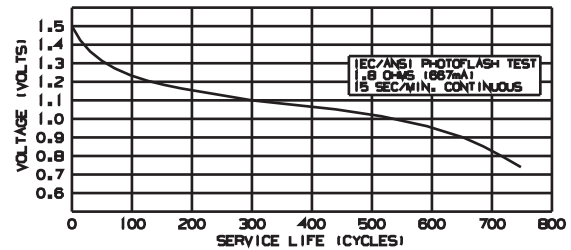
Typical Discharge Characteristics With Constant Resistance At 20°C



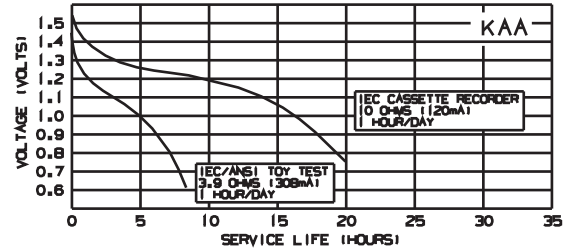
Typical Temperature Characteristics  
0.9 Volts Cutoff Voltage



Typical Pulse Discharge Characteristics KAA



Typical Discharge Characteristics KAA



The following indicates the typical service life expected when discharged after storage in air at 20 ±2°C and 65 ±10% relative humidity:

Shelf Life Tests at 20°C	Fresh Cells	1 Year	2 Years	3 Years	4 Years	5 Years
IEC/ANSI Photoflash 1.8 Ohm 15 Sec/Min, 24 Hr/Day to 0.9 Volts	650 Cycles	610 Cycles	600 Cycles	585 Cycles	575 Cycles	560 Cycles
IEC/ANSI Toy 3.9 Ohms 1 Hr/Day to 0.8 Volts	6.5 Hrs	6.3 Hrs	6.1 Hrs	5.9 Hrs	5.7 Hrs	5.5 Hrs
IEC/ANSI Cassette Recorder 10 Ohms 1 Hr/Day to 0.9 Volts	16.5 Hrs	16.1 Hrs	15.7 Hrs	15.3 Hrs	14.9 Hrs	14.5 Hrs

The following indicates the typical service life expected when discharged at 0 ±2°C or at 45 ±2°C (relative humidity less than 70%):

Service Life Tests at 0°C and 45°C	0°C	45°C
IEC/ANSI Photoflash 1.8 Ohm 15 Sec/Min, 24 Hr/Day to 0.9 Volts	370 Cycles	670 Cycles
IEC/ANSI Toy 3.9 Ohms 1 Hr/Day to 0.8 Volts	4.5 Hrs	7.0 Hrs
IEC/ANSI Cassette Recorder 10 Ohms 1 Hr/Day to 0.9 Volts	13.5 Hrs	17.0 Hrs

The curves and data in this publication represent product tested under the conditions specified. They do not represent standards or specifications which must be met by Eastman Kodak Company. The company reserves the right to change and improve product characteristics at any time.



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