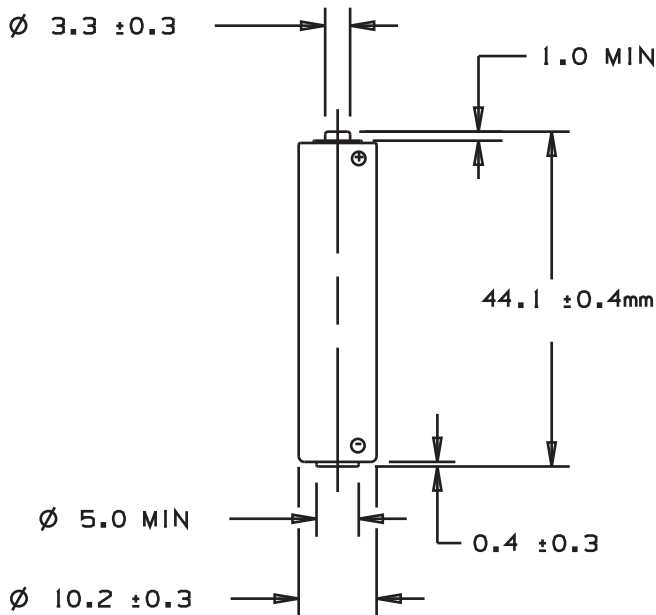




Kodak Alkaline Battery

K3A

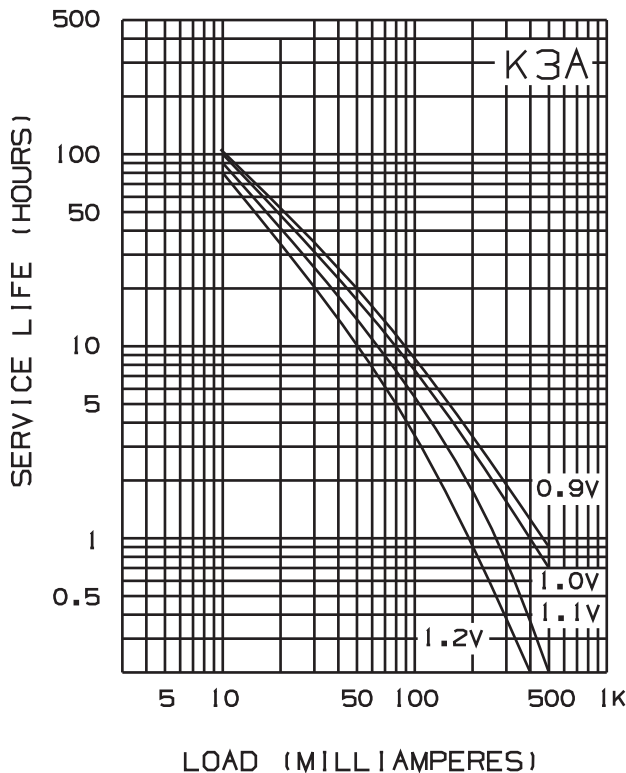
Effective : July 2003



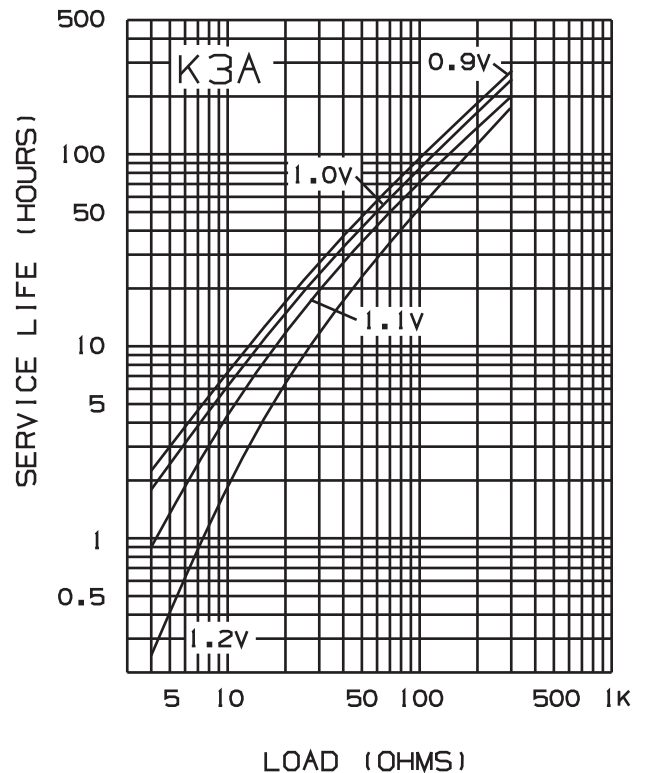
System:	Alkaline-Manganese Dioxide
Designation:	ANSI 24A, IEC LR03
Nominal Voltage:	1.5 Volts
Nominal Capacity:	1250 mAh at 75 Ohms to 0.8 Volts
Internal Impedance:	0.14 Ohms (typical)
Temperature Range:	-20°C to 54°C
Average Weight:	11.4 grams
Volume:	3.8 cm ³
Terminals:	Flat Contacts, Protruding Negative
Jacket:	Foil Label

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

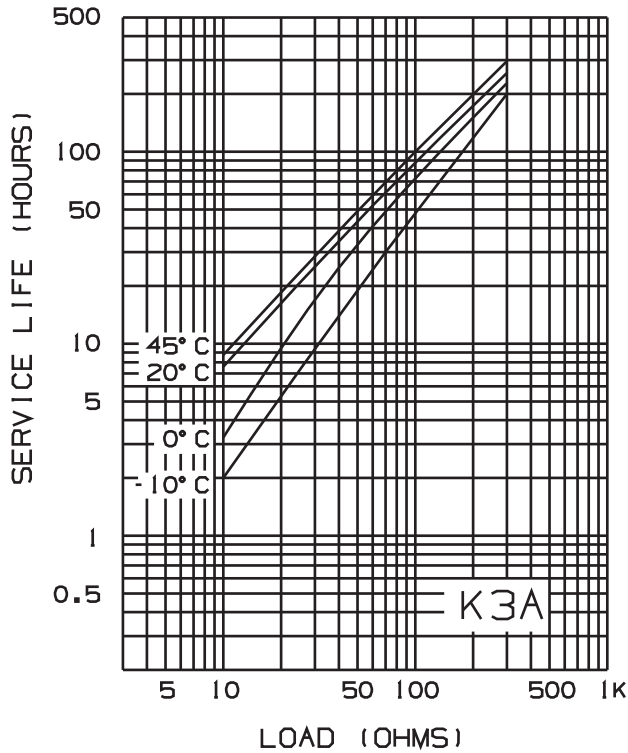
Typical Discharge Characteristics With Constant Current at 20°C



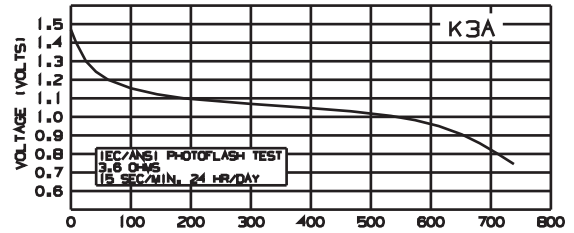
Typical Discharge Characteristics With Constant Resistance At 20°C



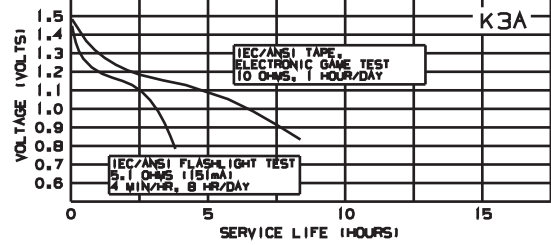
Typical Temperature Characteristics
0.9 Volts Cutoff Voltage



Typical Pulse Discharge Characteristics K3A



Typical Discharge Characteristics K3A



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 3.6 Ohms 15 Sec/Min, 24 Hr/Day to 0.9 Volts	650 Cycles	605 Cycles	595 Cycles	580 Cycles	570 Cycles	555 Cycles
IEC/ANSI Tape, Electronic Game 10 Ohms 1 Hr/Day to 0.9 Volts	7.0 Hrs	6.8 Hrs	6.6 Hrs	6.4 Hrs	6.2 Hrs	6.0 Hrs
IEC/ANSI Flashlight 5.1 Ohms 4 Min/Hr, 8 Hr/Day to 0.9 Volts	200 Min	193 Min	186 Min	179 Min	172 Min	165 Min

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 3.6 Ohms 15 Sec/Min, 24 Hr/Day to 0.9 Volts	140 Cycles	675 Cycles
IEC/ANSI Tape, Electronic Game 10 Ohms 1 Hr/Day to 0.9 Volts	4.9 Hrs	7.1 Hrs
IEC/ANSI Flashlight 5.1 Ohms 4 Min/Hr, 8 Hr/Day to 0.9 Volts	80 Min	205 Min

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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