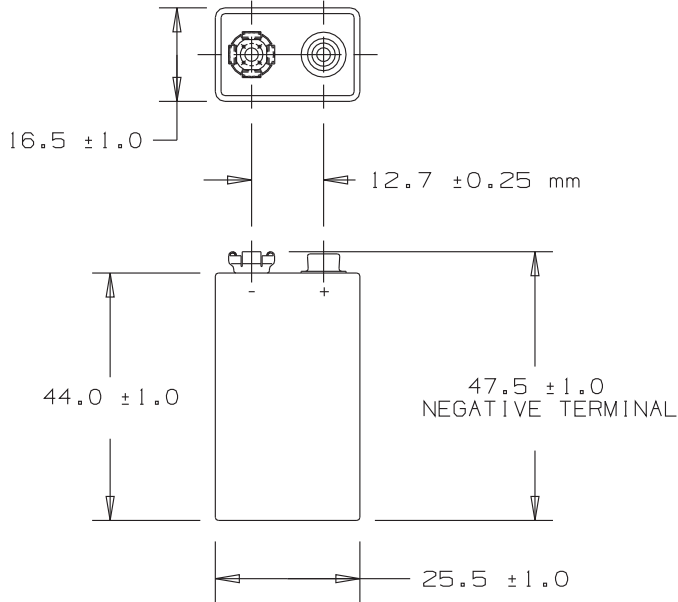


Kodak Alkaline Battery

K9V

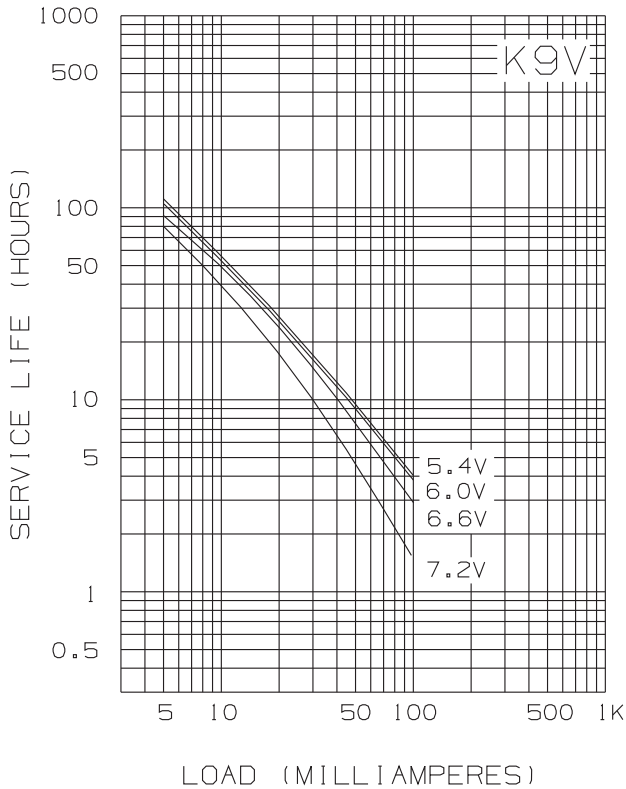
Effective : July 2003



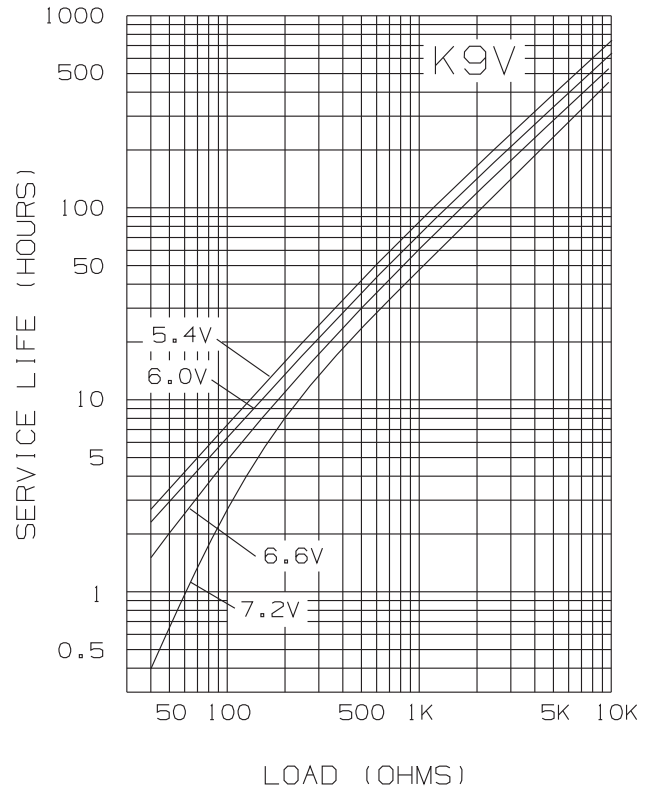
System:	Alkaline-Manganese Dioxide
Designation:	ANSI 1604A, IEC 6LR61
Nominal Voltage:	9.0 Volts
Nominal Capacity:	570 mAh at 620 Ohms to 4.8 Volts
Internal Impedance:	2.76 Ohms (typical)
Temperature Range:	-20°C to 54°C
Average Weight:	45 grams
Volume:	21.8 cm ³
Terminals:	Miniature Snap
Jacket:	Metal Litho

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.

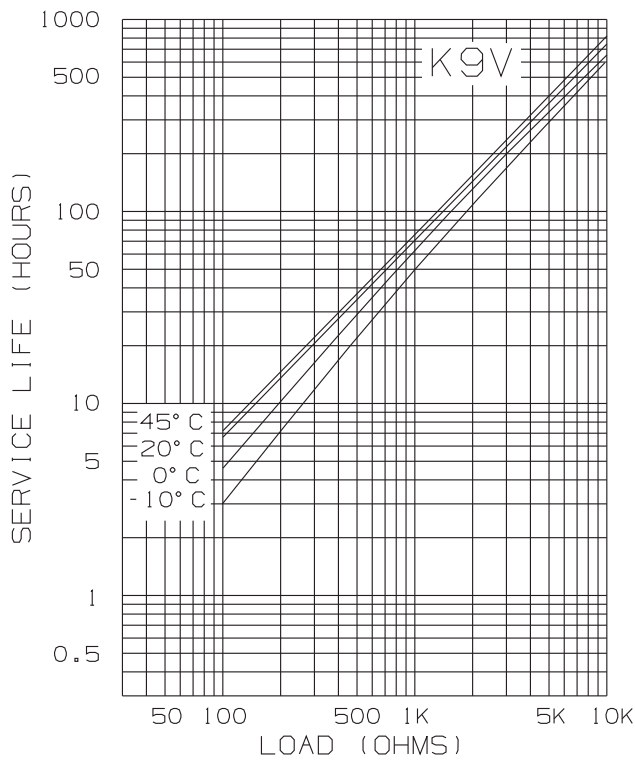
Typical Discharge Characteristics With Constant Current At 20°C



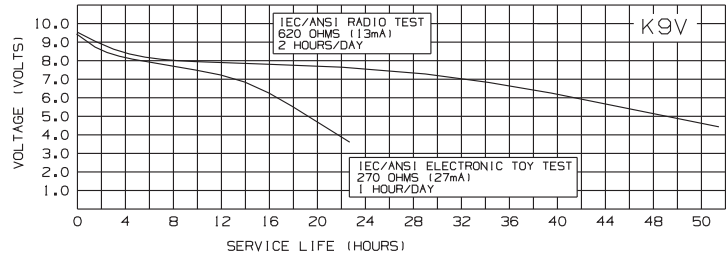
Typical Discharge Characteristics With Constant Resistance At 20°C



Typical Temperature Characteristics
0.9 Volts Cutoff Voltage



Typical Discharge Characteristics K9V



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 Radio 620 Ohms 2 Hrs/Day to 5.4 Volts	45.0 Hrs	44.5 Hrs	44.0 Hrs	43.5 Hrs	43.0 Hrs	42.5 Hrs
IEC/ANSI Electronic Toy 270 Ohms 1 Hr/Day to 5.4 Volts	17.5 Hrs	17.1 Hrs	16.7 Hrs	16.3 Hrs	15.9 Hrs	15.5 Hrs
Smoke Detector Test (Accelerated) 1000 Ohms Continuous with 200 Ohm Pulse 1 Sec/Hr. to 6.6 volts	53.0 Hrs	52.0 Hrs	51.0 Hrs	50.0 Hrs	49.0 Hrs	48.0 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 Radio 620 Ohms 2 Hrs/Day to 5.4 Volts	38.0 Hrs	47.0 Hrs
IEC/ANSI Electronic Toy 270 Ohms 1 Hr/Day to 5.4 Volts	14.0 Hrs	18.5 Hrs
Smoke Detector Test (Accelerated) 1000 Ohms Continuous with 200 Ohm Pulse 1 Sec/Hr. to 6.6 Volts	38.0 Hrs	55.0 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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