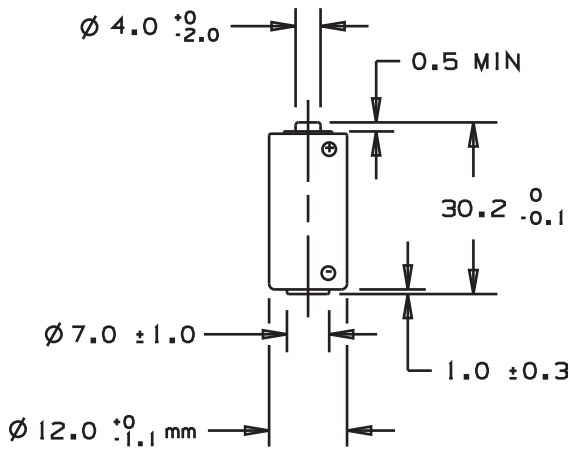




# Kodak Alkaline Battery

KN

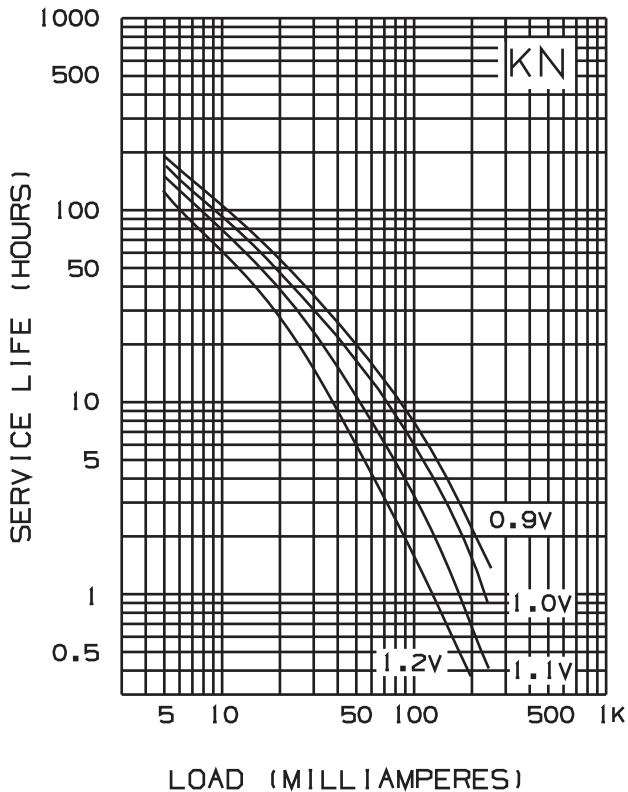
Effective : July 2003



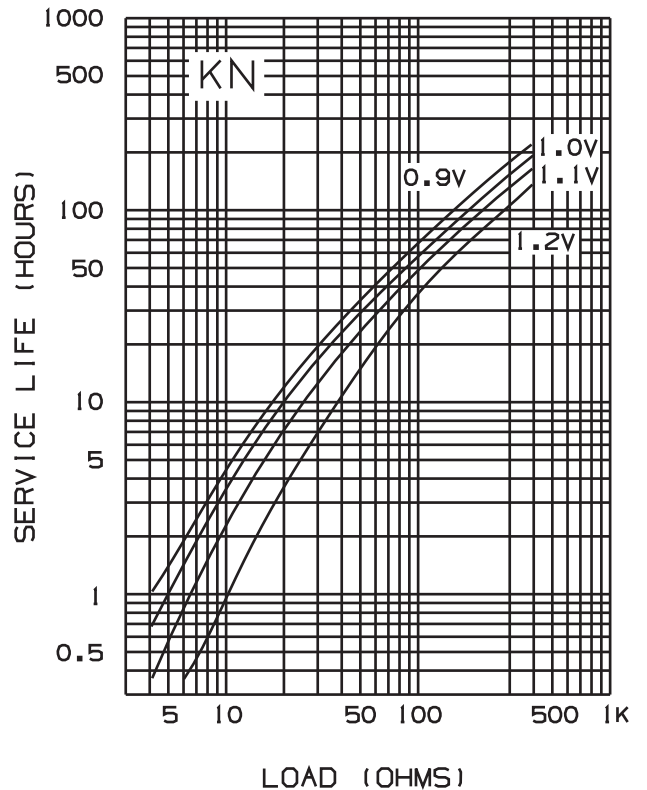
System:	Alkaline-Manganese Dioxide
Designation:	ANSI 910A, IEC LRI
Nominal Voltage:	1.5 Volts
Capacity:	930 mAh at 300 Ohms to 0.8 Volts
Temperature Range:	-20°C to 54°C Operating -20°C to 45°C Storage
Average Weight:	9.2 grams
Volume:	3.4 cm <sup>3</sup>
Terminals:	Flat Contacts, Negative Flush
Jacket:	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.

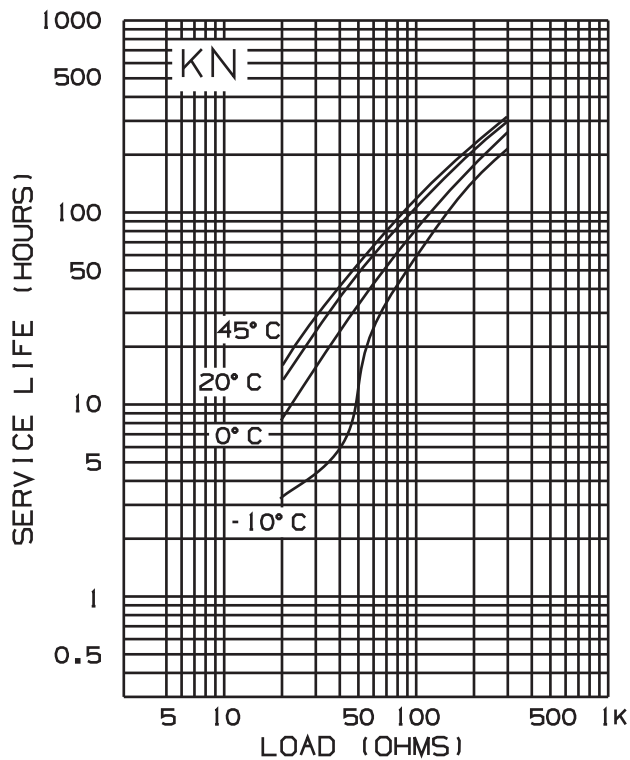
Typical Discharge Characteristics With Constant Current At 20°C



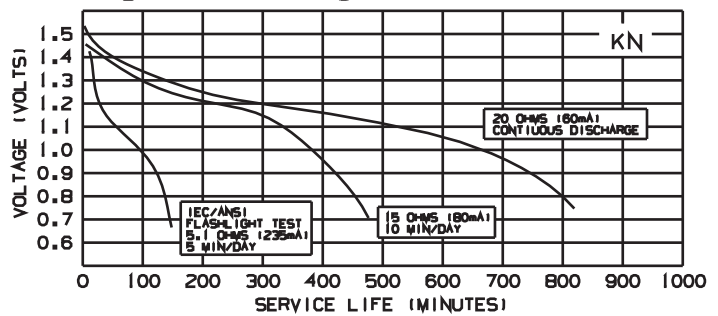
Typical Discharge Characteristics With Constant Resistance At 20°C



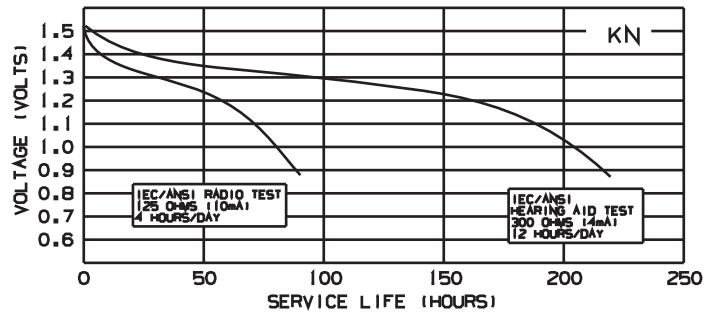
Typical Temperature Characteristics  
0.9 Volts Cutoff Voltage



Typical Discharge Characteristics KN



Typical Discharge Characteristics KN



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
20 Ohms Continuous to 0.9 Volts	10.5 Hrs	9.4 Hrs	8.8 Hrs	7.9 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
20 Ohms Continuous to 0.9 Volts	7.4 Hrs	11.0 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.



For more information, contact  
EASTMAN KODAK COMPANY  
343 State Street  
Rochester, New York 14650-0811  
1-800-242-2424  
[www.kodak.com/go/batteries](http://www.kodak.com/go/batteries)