

Model No.: **GN1604AUP**

FOR INDUSTRIAL MARKET ONLY

NO MERCURY AND CADMIUM ADDED	
Description	: Alkaline Manganese 9V Battery
Chemical System	: Alkaline Manganese Dioxide
Nominal Voltage	: 9.0 Volts
Operating Temp.	: -20°C ~ 60°C, 65% RH Max.
Storage Temp.	: 15°C ~ 25°C, 45% RH ~ 75% RH
Nominal Dimensions	: 25.5(L) x 16.5(W) x 47.5(H)mm
Terminal	: Nickel plated miniature snap fasteners
Jacket	: Printed metal jacket
Internal Connection	: Welding
Application	: All electronic devices
Nominal Weight	: 48g
Date Code	: Unless otherwise specified, every battery will carry a 6-digits month-year (MM-YYYY) expiry code.
Special Feature	: World class explosion proof
Shelf Feature	: 5 Years as below conditions

Cross References:

GP	JIS	IEC	Eveready	Duracell
1604A	6LP3146	6LP3146	522	MN1604

Electrical Characteristics

Test Items	Test Conditions 25±2°C 60±15% RH	Specification (Volt), min			
		3 Months	1 year	3 years*	5 years*
OCV		9.55V	9.30V	9.10V	8.90V
CCV	47Ω, 0.3s	8.65V	8.0V	7.70V	7.30V

Discharge Capacity

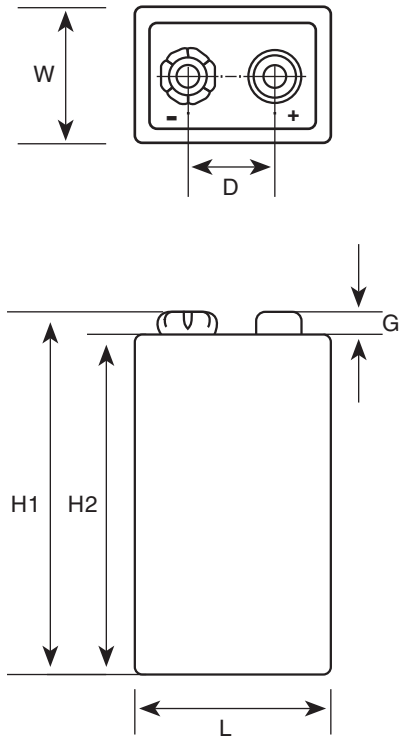
Test Items	Test Conditions 25 ± 2°C 60±15% RH (EV = End Voltage)	Specification (Hours), mean			
		3 Months	1 year	3 years*	5 years*
Duration	270Ω Intermittent 1 h/d EV = 5.4V	20.5	20.2	18.7	16.7
	620Ω Intermittent 2 h/d EV = 5.4V	49.0	47.5	45.0	44.0
	10k Ω background 24 h/d, 620Ω 1 s/h pulse EV = 7.5V	Specification (Days), mean			
		20.0	19.5	18.5	17.5

* Storage performance are estimated.

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Dimensions



L : 25.5 ± 1.0
 W : 16.5 ± 1.0
 H1 : 47.5 ± 1.0
 H2 : 44.7 ± 1.5
 D : 12.7 ± 0.25
 G : 1.78mm (Min.)

Unit : mm

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