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GP Batteries

Data Sheet

Model No.: GP1604AUP

MERCURY FREE

Description : Alkaline Manganese 9V Battery
Chemical System : Alkaline Manganese Dioxide
Nominal Voltage : 9.0 Volts
Operating Temp. : -20 - 60 °C , 65 % RH Max.
Storage Temp. : 15 - 25 °C , 45 - 75 % RH
Nominal Dimensions : 25.5 (L) x 16.5 (W) x 47.5 (W) mm
Terminal : Nickel plated miniature snap fasteners
Jacket : Printed metal jacket
Internal Connection : Welding
Application : All electronics 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 Life : 5 Years as below conditions,

Electrical Characteristics

Test Items	Test Conditions 25±2°C 60±15% RH	Specification (Volt), min			
		3 Months	1 year	3 years*	5 years*
OCV		9.55 V	9.30 V	9.10 V	8.90 V
CCV	47 Ω, 0.3 sec	8.65 V	8.00 V	7.70 V	7.30 V

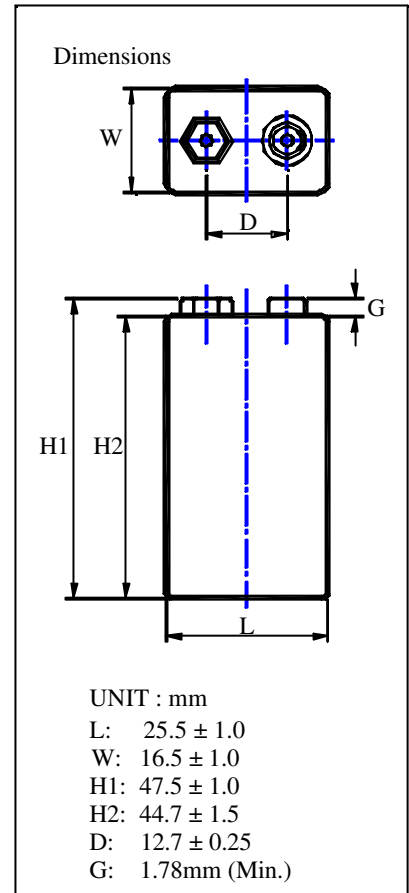
Discharge Capacity

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	270 Ω Intermittent 1hr/day EV = 5.40V	20.5	20.2	18.7	16.7
	620 Ω Intermittent 2hr/day EV = 5.40V	49.0	47.5	45.0	44.0
	10 k Ω background 24 h/d, 620 Ω 1 s/h pulse EV = 7.50V	Specification (Days), mean			
		20.0	19.5	18.5	17.5

* Storage performance are estimated.

Cross References :

GP	JIS	IEC	EVEREADY	DURACELL
1604A	6LF22	6LF22	522	MN1604



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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

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