

GP Batteries

Data Sheet

Model No.:

GPPVA9VAU/ GPVA9VAU/ GP1604AU

MERCURY FREE

- Description** : Alkaline Manganese 9V Battery
- Chemical System** : Alkaline Manganese Dioxide
- Nominal Voltage** : 9.0 Volts
- Operating Temp.** : -20 °C ~ 60 °C , 75 % RH Max
- Storage Temp.** : Batteries shall be stored in well-ventilated, dry and cool conditions. High temperature or high humidity may cause deterioration of the battery performance or surface corrosion.
- 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 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 *	Specification (Volt), min			
		3 Months	1 year	3 years	5 years
OCV	20 ± 2 °C 55±20 % RH	9.55 V	9.30 V	9.10 V	8.90 V
CCV	47 Ω, 0.3 sec	8.20 V	8.00 V	7.70 V	7.30 V

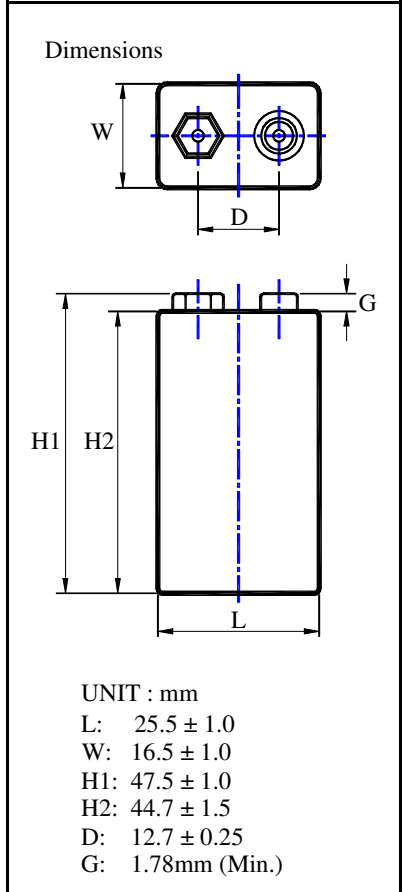
Discharge Capacity

Test Items	Test Conditions *	Specification (Hours), MAD			
		3 Months	1 year	3 years	5 years
Duration	270 Ω Intermittent 1hr/day EV = 5.40V	Min 21 hrs each battery	18.9	16.8	14.7
	620 Ω Intermittent 2hr/day EV = 5.40V	48.5	43.6	38.8	33.9
	10 k Ω background 24 h/d, 620 Ω 1 s/h pulse EV = 7.50V	Specification (Days), MAD			
		19.5	17.6	15.6	13.6

* During short periods only, the storage temperature may deviate from these limits without exceeding 20 +/- 5 °C.

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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