

GP Batteries

Data Sheet

Model No.: GP1604A

NO MERCURY ADDED

Description : Alkaline Manganese 9V Battery
 Chemical System : Alkaline Manganese Dioxide
 Nominal Voltage : 9.0 Volts
 Nominal Dimensions : 25.5 mm x 16.5 mm x 47.5 mm
 Terminals : Nickel plated miniature snap fasteners
 Jacket : Printed metal jacket
 Internal Connection : Welding
 Applications : All electronic devices
 Nominal Weight : 47g
 Date Code : Unless otherwise specified, every battery will carry a 4-digits month-year expiry code.
 Shelf Life : 3 Years

Electrical Characteristics

Test Items	Test Conditions	Specification (Volt), min		
		3 Months	1 year Storage	3 years Storage
OCV	25 ± 2°C	9.30 V	9.20 V	8.70 V
CCV	47Ω, 0.3sec 60 ± 15%RH	7.60 V	7.40 V	7.25 V

Discharge Capacity

Test Items	Test Conditions (EV = End Voltage)			Specification (Hours), min		
				3 Months	1 year Storage	3 years Storage
Duration	180Ω Continuous EV = 5.40V	25 ± 2°C 60 ± 15%RH	mean min.	12.0 9.6	10.8 8.7	10.0 7.8
			mean min.	12.5 9.6	11.2 8.7	10.5 7.8
			mean min.	18.0 16.5	16.2 14.8	14.6 13.4
			mean min.	45.0 40.5	40.5 36.5	36.5 32.9
	180Ω Intermittent 30 min/day EV = 4.80V					
	270Ω Intermittent 1 hr/day EV = 5.40V					
	620Ω Intermittent 2 hrs/day EV = 5.40V					

Cross References:

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

