

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 6 digits (MM-YYYY) expiry code.
 Shelf Life : 5 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	9.00 V
CCV	47Ω, 0.3sec 60 ± 15%RH	8.00 V	7.80 V	7.50 V

Discharge Capacity

Test Items	Test Conditions (EV = End Voltage)	Specification (Hours), mean			
		3 Months	1 year Storage	3 years Storage	
Duration	180Ω Continuous EV = 5.40V	25 ± 2°C 60 ± 15%RH	13.2	12.7	11.7
	180Ω Intermittent 30 min/day EV = 4.80V		14.2	13.7	12.5
	270Ω Intermittent 1 hr/day EV = 5.40V		20.0	19.7	18.2
	620Ω Intermittent 2 hrs/day EV = 5.40V		48.2	47.2	44.7

Cross References:

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

