

GP Batteries

Data Sheet

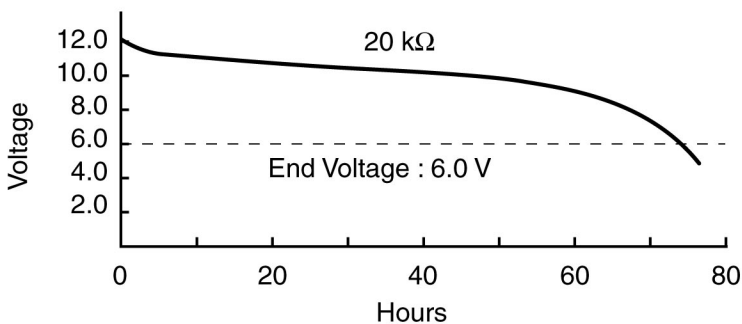
Model No.: GP23A

Description : Alkaline High Voltage Battery
 Chemical System : Alkaline Manganese Dioxide
 Nominal Voltage : 12 Volts
 Nominal Dimensions : $\varnothing 10.0 \text{ mm} \times 28.0 \text{ mm}$
 Terminal : Nickel plated flat contacts - protruded
 red (+); recessed black (-)
 Jacket : Metal jacket
 Internal Connection : Pressure
 Applications : Remote controller, lighter
 Nominal Weight : 7.5g
 Nominal Capacity : 38 mAh (to 6.0 Volts), rated at 20k Ω load, at 20°C
 Current Drain : Under 15 mA pulse, 0.5 mA continuous
 Date Code : Every inner cell will carry an numeric year code and an analogue month code changing bi-monthly. Year code 0 for 1990, 1 for 1991 etc.
 Shelf Life : Not less than 85% of the service life, for 3 year storage at 20°C.
 Insulation Resistance: 5 M Ω min.
 Close Circuit Voltage: 9.5 Volts (min.) (load resistor 400 Ω at 20°C for 1 to 2 seconds)

Average Service Life :

Discharge Resistance	Discharge Condition	End Point Voltage	Service Life
20k Ω	24 Hrs/ Day	6.0 V	74 Hrs

Typical Discharge Characteristics at 20°C :



Cross References:

GP	Duracell	Eveready	Varta
23A	MS21/MN21	A23	V23GA

