

# GP Batteries

**Data Sheet**

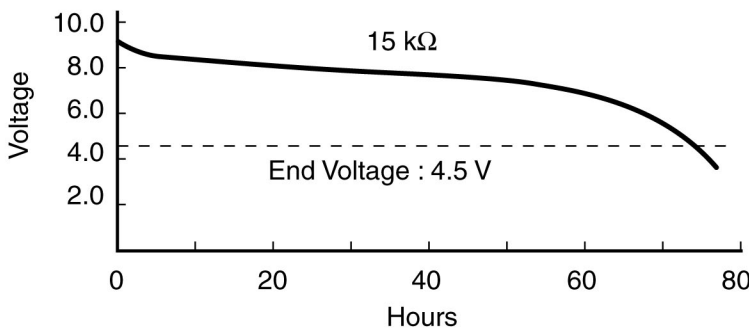
**Model No.: GP10A**

Description : Alkaline High Voltage Battery  
 Chemical System : Alkaline Manganese Dioxide  
 Nominal Voltage : 9 Volts  
 Nominal Dimensions :  $\text{Ø}10.0 \text{ mm} \times 21.6 \text{ mm}$   
 Terminal : Nickel plated flat contacts - protruded  
                   red (+); recessed black (-)  
 Jacket : Metal jacket  
 Internal Connection : Pressure  
 Application : Remote controller  
 Nominal Weight : 5.6g  
 Nominal Capacity : 38 mAh ( to 4.5 Volts), rated at 15k $\Omega$   
                           load, at 20°C  
 Current Drain : Under 15 mA pulse, 0.5 mA continuous  
 Date Code : Every battery 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 years storage at 20°C.  
 Insulation Resistance: 5 M $\Omega$  min.  
 Close Circuit Voltage: 7.1 Volts (min.) (load resistor 300 $\Omega$  at  
                           20°C for 1 to 2 seconds)

**Average Service Life :**

Discharge Resistance	Discharge Condition	End Point Voltage	Service Life
15k $\Omega$	24 Hrs/ Day	4.5 V	74 Hrs

**Typical Discharge Characteristics at 20°C :**



**Cross References:**

GP	Duracell	Eveready	Varta
10A	--	--	--

