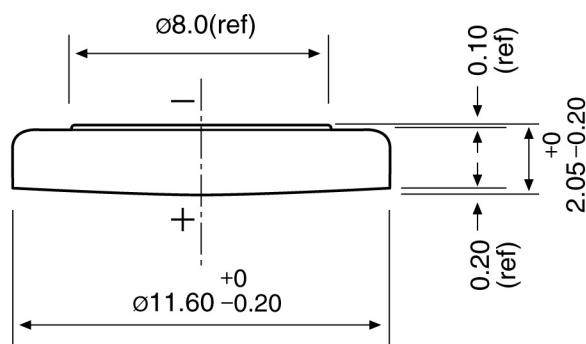


# GP Batteries

## Data Sheet

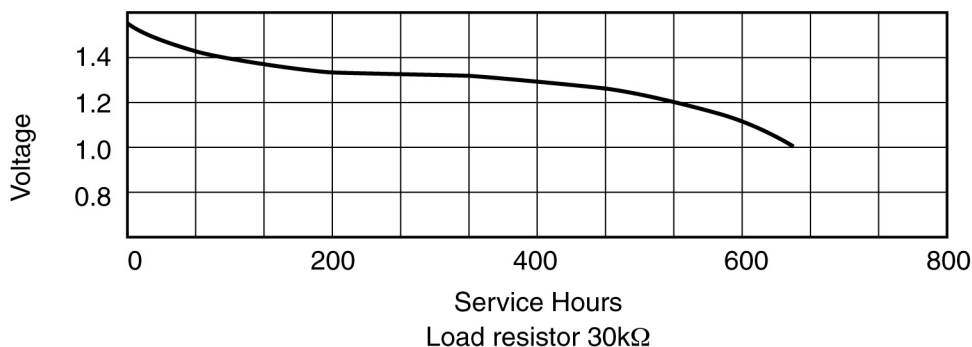
Model No.: 191

Description : Alkaline Low Drain Button Cell  
Nominal Voltage : 1.50 Volts  
Nominal Dimensions :  $\varnothing 11.60 \times 2.05\text{mm}$   
Applications : Watch (with alarm), calculator, melody card, etc.  
Average Weight : 0.9g  
Shelf Life : Not less than 90% of the service capacity, for 1 year storage at 20°C.  
Date Code : Unless otherwise specified, each cell will carry a numeric year code and an analog month code.  
Nominal Service Life : 540 hrs (at 30k $\Omega$  Load)  
(to 1.0V at 20°C) 150 days (at 200k $\Omega$  Load)



Unit : mm

## Typical Discharge Characteristics at 20°C



Average Service Capacity:  
24mAh (rated capacity at 30k $\Omega$  load,  
cut off voltage 1.0V at 20°C)

Close circuit voltage:  
1.40 Volts (min.) (load resistor 2k $\Omega$  at  
20°C for 0.1 to 2 seconds)

## Cross Reference:

IEC	JIS	Eveready	Varta	Others
LR1120	LR1120	191	V8GA	91A