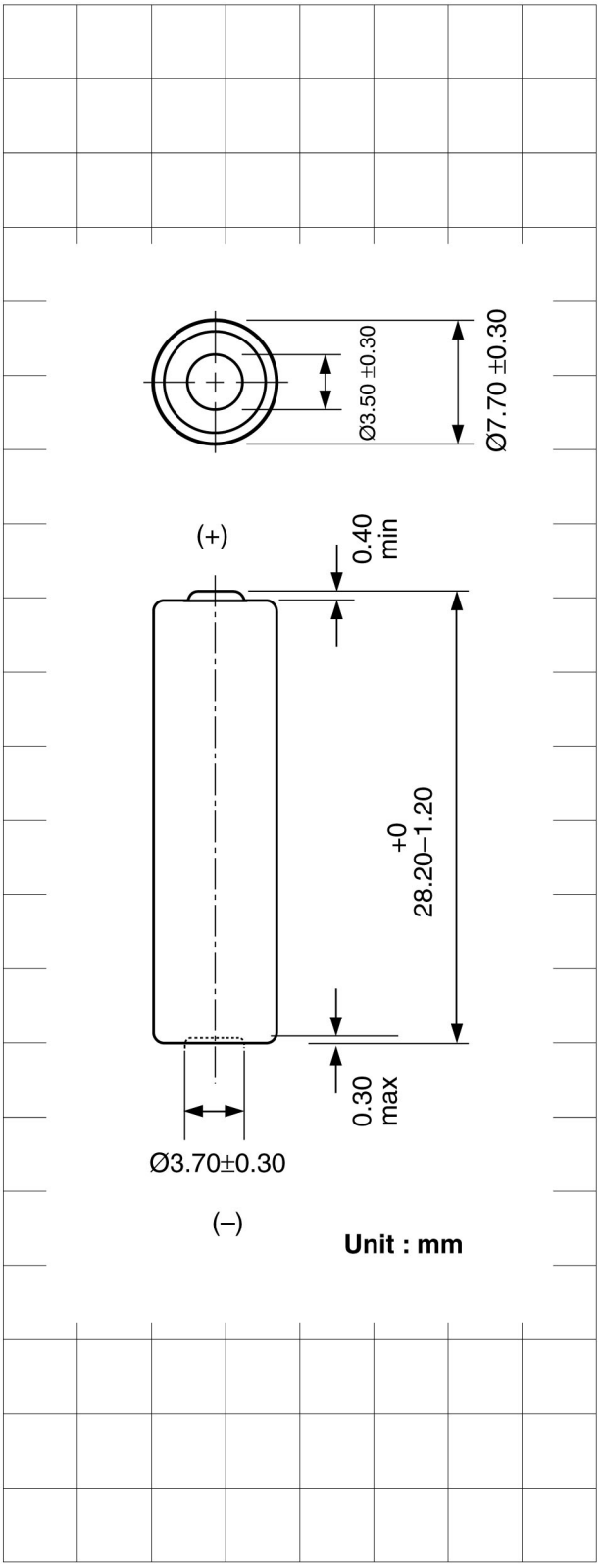
GP Batteries

Data Sheet — *Model No.: GP27A*

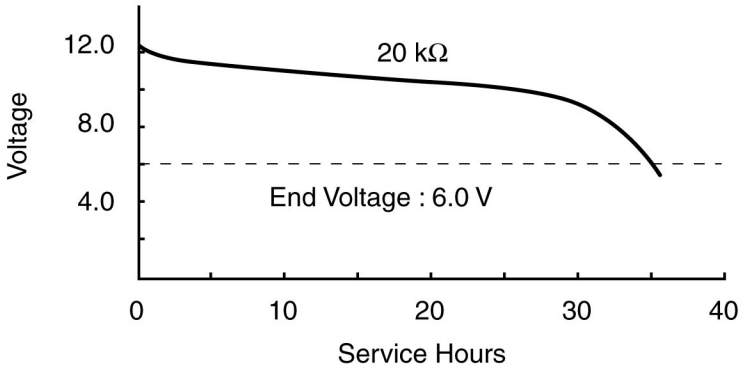
Description	:	Alkaline High Voltage Battery
Chemical System	:	Alkaline Manganese Dioxide
Nominal Voltage	:	12 Volts
Nominal Dimensions	:	Ø7.7 mm x 28.0 mm
Terminal	:	Nickel plated flat contacts - protruded red (+); recessed black (-)
Jacket	:	Metal jacket
Internal Connection	:	Pressure
Applications	:	Remote controller, lighter
Nominal Weight	:	4.4g
Nominal Capacity	:	18 mAh (to 6.0 Volts), rated at 20kΩ load, at 20˚C
Current Drain	:	Under 5 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 90% of the service life, for 1 year storage at 20˚C.
Insulation Resistance	:	5 MΩ min.
Close Circuit Voltage	:	10.5 Volts (min.) (load resistor 1.6kΩ at 20˚C for 1 to 2 seconds)



Average Service Life :

Discharge Resistance	Discharge Condition	End Point Voltage	Service Life
20 kΩ	24 Hrs/ Day	6.0 V	34.5 Hrs

Typical Discharge Characteristics at 20˚C :



Cross References:

GP	Duracell	Eveready	Varta	Bronica
27A	--	--	--	B1

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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.