

# GP Batteries

## DATA SHEET

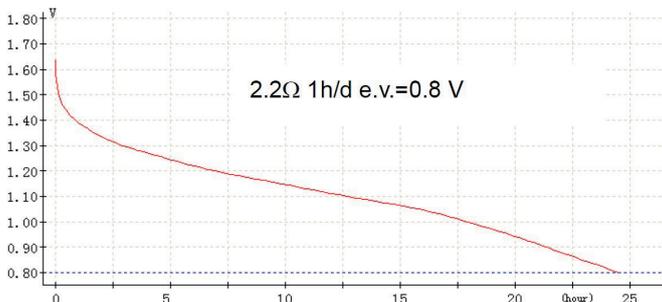
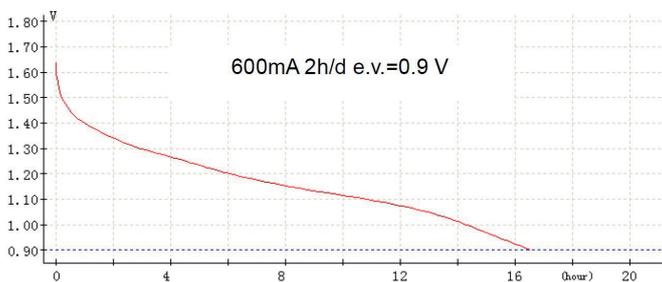
### NO MERCURY ADDED

<b>Description</b>	Mercury & Cadmium Free Alkaline Manganese Battery, D Size
<b>Chemical System</b>	Alkaline Manganese
<b>Nominal Voltage</b>	1.5 Volts
<b>Nominal Dimensions</b>	Refer to drawing
<b>Terminals</b>	Protruded positive (+) and flat negative (-) contacts
<b>Jacket</b>	Foil jacket
<b>Applications</b>	All electronic devices, e.g. transistor radios, cassette recorders, toys, alarm clocks, portable fans, portable hand-tools.
<b>Ambient Temperature Range</b>	Operation: -18°C ~ 50°C Recommended: 10°C ~ 25°C Storage: Not exceed 30°C
<b>Shelf Life</b>	10 years
<b>Approx. Weight</b>	140g

### Cross References:

GP	JIS	IEC	Energizer	Duracell	Varta
13AU	LR20	LR20	E95	MN1300	4020

### Discharge curve:



### Remarks

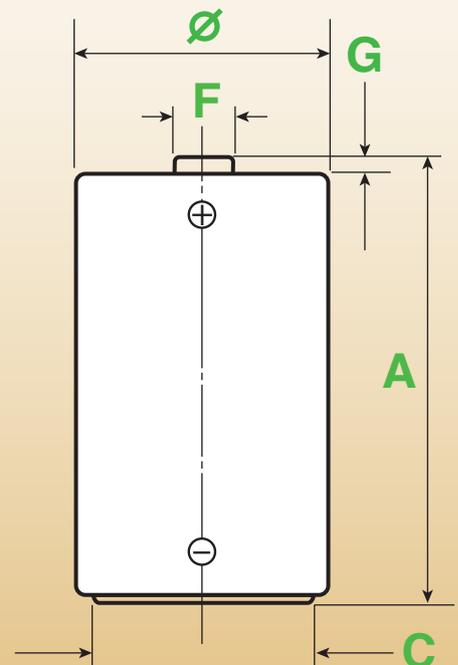
- 1) Store period before test shall be under 20±2°C, RH 55±20% within 30 days of manufacture.
- 2) Batteries shall not leak during the service life test before the end voltage reached.

[www.gpbatteries.com](http://www.gpbatteries.com)

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Model No.: **GP13A**



/	min	max
Ø	32.3	34.2
A	59.3	61.5
C	18.0	-
F	-	9.5
G	1.5	-

Dimension : mm

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