

# GP Batteries

## DATA SHEET

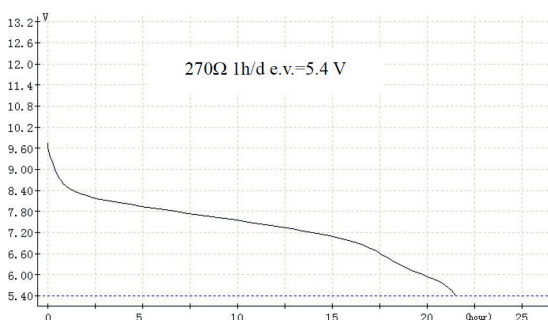
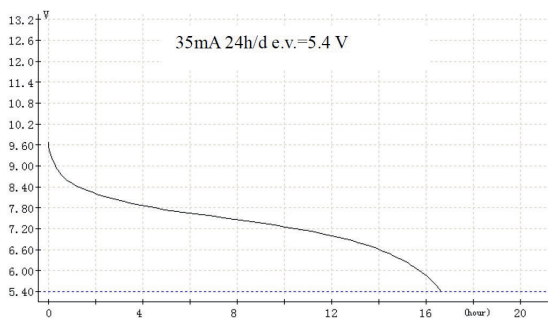
### NO MERCURY ADDED

|                                  |   |
|----------------------------------|---|
| <b>Description</b>               | Mercury & Cadmium Free Alkaline Manganese Battery, 9V   |
| <b>Chemical System</b>           | Alkaline Manganese  |
| <b>Nominal Voltage</b>           | 9.0 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, lighting & torches, portable fans |
| <b>Ambient Temperature Range</b> | Operation: -18°C ~ 50°C<br>Recommended: 10°C ~ 25°C<br>Storage: Not exceed 30°C   |
| <b>Shelf Life</b>                | 5 years   |
| <b>Approx. Weight</b>            | 47g   |

### Cross References:

| GP     | JIS               | IEC               | Eveready | Duracell |
|--------|-------------------|-------------------|----------|----------|
| 1604AU | 6LP3146/<br>6LR61 | 6LP3146/<br>6LR61 | 522      | MN1604   |

### Discharge curve:

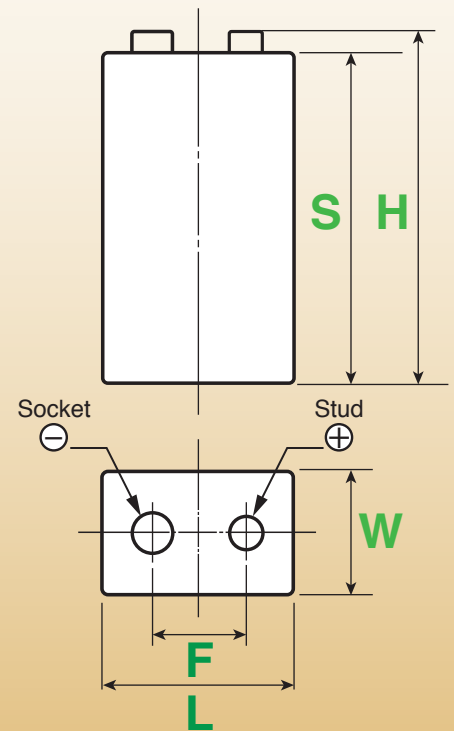


#### Remarks

- 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.



Model No.: GP1604AU



| / | min   | max   |
|---|-------|-------|
| H | 46.5  | 48.5  |
| S | 43.7  | 44.7  |
| F | 12.45 | 12.95 |
| L | 25.3  | 26.1  |
| W | 16.3  | 17.1  |

Dimension : mm

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