

# Primary lithium battery system BA 5372

## 6 V Primary lithium manganese dioxide (Li-MnO<sub>2</sub>) battery

The battery consists of 2 LM 17130 cells connected in series, arranged in a cylindrical construction with nickel plated button terminals at either end.

### Key Features

- No passivation delay effect
- Low self-discharge rate
- Long shelf life
- Nickel plated button terminals
- Mylar sleeve
- Non-restricted to Class 9

### Typical applications

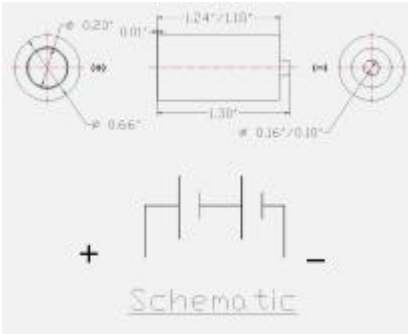
- Memory hold
- AN/GRC-210
- AN/PRC-119
- AN/PSQ-4
- PATRIOT
- Others



| Electrical characteristics              |  |
|---|--|
| Nominal OCV                             | 6.5 V  |
| Operating voltage                       | 5.6 V  |
| Cut-off voltage                         | 4 V  |
| Maximum constant current                | 300 mA                                       |
| Maximum pulse current                   | 400 mA                                       |
| Typical capacity at 20 mA to 4V cut-off |  |
| at 70°F(21°C)                           | 560 mA at 4.5 mA at 4V cut-off               |
| at -4°F(-20°C)                          | 450 mA at 4.5 mA at 4V cut-off               |
| Operating temperature                   | -29°C to +71°C / -20°F to +160°F             |
| Storage temperature                     |  |
| Recommended maximum                     | +35°C / +95°F                                |
| Possible                                | -40°C to + 71°C / -40°F to +160°F            |
| Physical characteristics                |  |
| Maximum weight                          | Metric   Imperial<br>20 g   0.7 oz           |
| Weight of Li metal content              | 0.4 g   —                                    |
| Diameter (max) body                     | 16.8mm   0.66 in                             |
| Length (max)                            | 33 mm   1.3 in                               |
| References                              |  |
| Reference specifications                | MIL-PRF-32271 or Saft standard specification |
| NATO Stock Number                       | 6135-01-214-6441                             |



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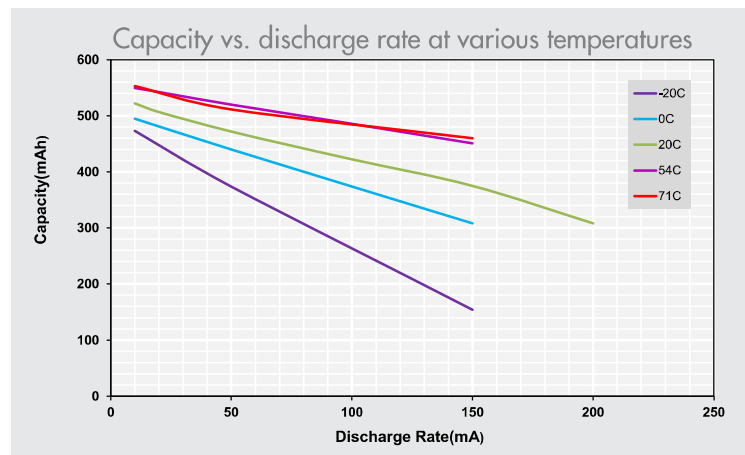
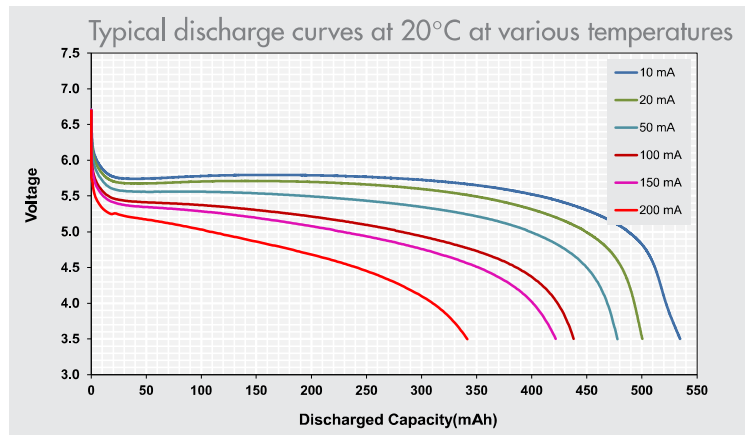
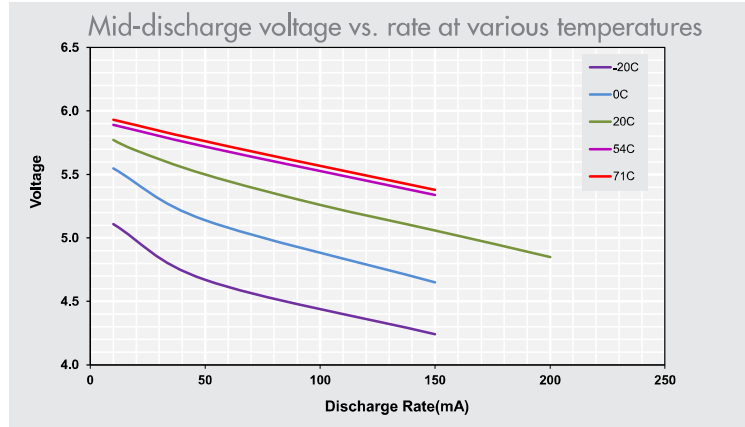


## Storage

- Store in dry area not  $>30^{\circ}\text{C}$

## Handling

- Do not disassemble
- Do not short circuit
- Do not charge
- Do not incinerate



## Saft

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