

ULTRALIFE[®]Batteries

We. Are. Power.[™]

1/2 AA 3V Battery Technical Datasheet

The Ultralife Advantage

Better technology. Our lithium-based (lithium-manganese dioxide, lithium ion and lithium polymer) technologies enable us to design leading-edge power solutions for the world's most demanding applications.



FEATURES

- High discharge rate capability
- High energy density
- No voltage delay
- Wide operating temperature range
- Lightweight
- 10-year shelf life
- Long operating life

APPLICATIONS

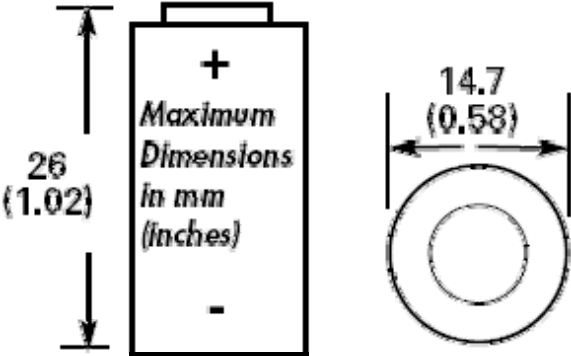
- Consumer Telematics
- Commercial Telematics
- Search & Rescue Devices
- Military Communications, Detectors & Imaging
- Medical Devices

SPECIFICATIONS

Part No	UB1426
NSN	6135-01-340-7883
Voltage Range	1.5 to 3.3 V
Average Voltage	3.0 V
Nominal Capacity	500 mAh @ 41 mA to 2.0 V @ 23° C
Max. Discharge	160 mA continuous
Pulse Capability	Up to 300 mA Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife.
Weight	10.0 grams
Operating Temp	-40° C to 72° C
Storage Temp	-40° C to 95° C
Exterior/Housing	Hermetically sealed Ni-plated steel can, Mylar sleeve
Terminals/Connector	Nickel plated contacts
Safety	Material Safety Datasheet – MSDS025.
Transportation	Excepted from Regulations – see note 1.

Note 1	For a complete description of transportation regulations and definitions of the transportation classifications "Excepted" and "Class 9," refer to the Ultralife web site at www.ultralifebatteries.com .
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DIMENSIONS



PERFORMANCE GRAPHS

