

Primary lithium battery

BA 5367

3 V Primary lithium manganese dioxide (Li-MnO₂)
 High drain capability
 1/3 C-size spiral cell

Benefits

- High and stable discharge voltage
- High pulse capability
- Performance not affected by cell orientation
- Long storage possible before use
- Ability to withstand extreme temperature

Key Features

- Low self-discharge rate (*less than 3% after one year of storage at + 20°C*)
- Hermetic glass-to-metal sealing
- Flat pressure contact terminals
- Built-in safety vent (*at the negative end of the cell*)
- Meets shock, vibration, and other environmental requirements of military specifications
- Made in the USA

Typical applications

- Night vision



Cell size reference	1/3 um2	1/3 R14	1/3 C
Electrical characteristics			
Nominal capacity	1.4 Ah		
Open circuit voltage	3 V		
Nominal voltage (at 50 mA)	2.8 V		
Rated capacity (at 50 mA discharge)	70°F (21°C)	1.4 Ah	
	- 20°F (- 29°C)	0.8 Ah	
Maximum recommended continuous current	0.5 A		
Storage (% of rated capacity)	1 year	70°F (21°C):	>95%
	1 month	160°F (71°C):	>90%
Operating temperature range	- 40°F (- 40°C) to 160°F (71°C)		
Physical characteristics			
Diameter (maximum)	26.04 mm (1.025 in)		
Height	19.02 mm (0.749 in)		
Weight (maximum)	1.1 oz (31.2 gr)		
Weight of Li	0.4 gr		
Volume	0.54 in ³ (8.9 cc)		
References			
NSN Number	6135-01-507-1135		

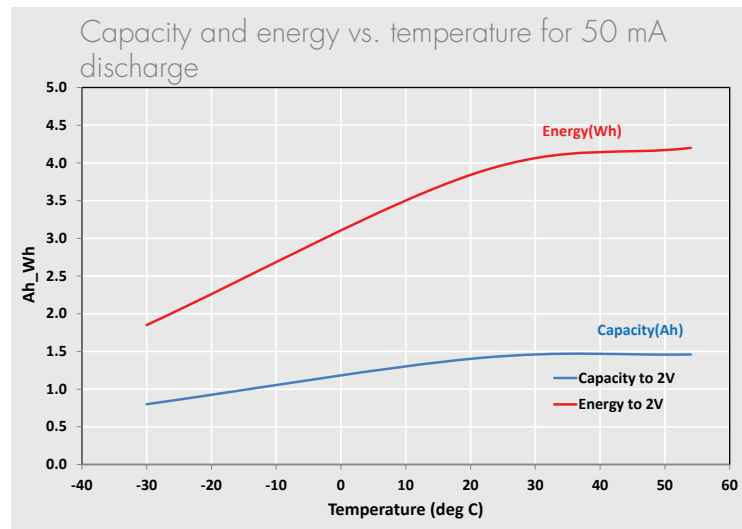
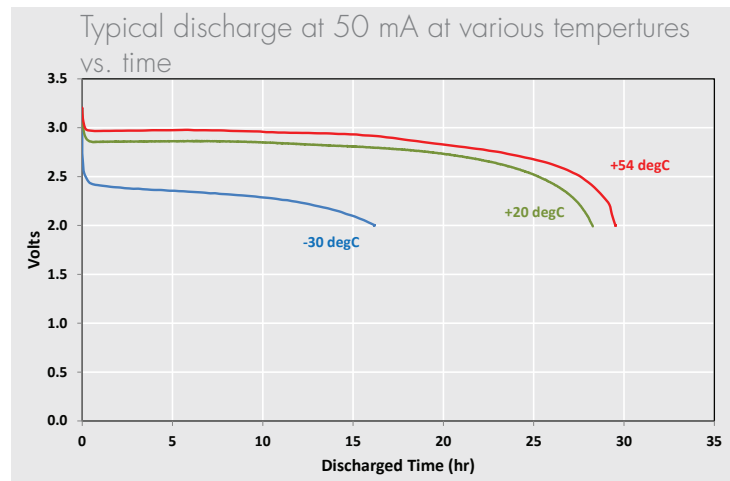
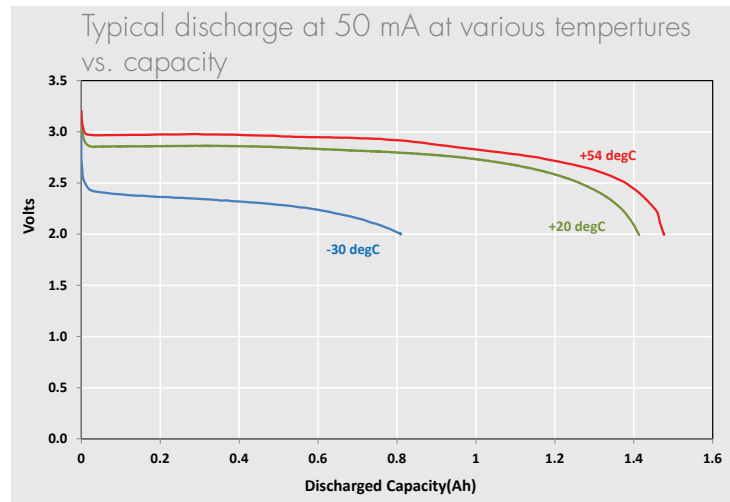
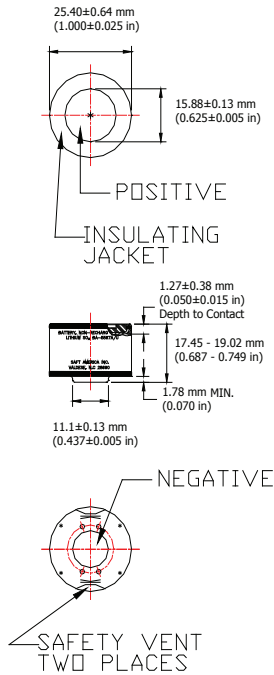


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Handling precautions

- Do not puncture, open, or mutilate
- Do not obstruct safety vent mechanism
- Do not short circuit or charge
- Do not expose to fire or temperatures above 160°F (71°C)



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Doc N° 31135-2-0116
Edition: January 2016
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Published by the Communications Department
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