



Primary 2/3A Cell



Non-rechargeable Li/CF_x-MnO₂ Hybrid

**Reliable, lightweight
cell with high-pulse
rate capability**

Features and Benefits

- No voltage delay
- Wide operating temperature range
- Fully welded hermetically sealed design
- Pressure release vent
- Shutdown separator
- Negative case polarity
- Long-shelf life
- Easily configured for any custom battery assembly
- Able to withstand high levels of mechanical abuse
- UN/DOT 38.3 testing compliant

Applications

- Flight termination systems (FTS) for missiles and hypersonics
- Emergency beacons
- Sonobuoys
- Back-up power

Specifications

Part Number	LCF-144
Weight	15.5 g (0.5 oz)
Height	32.0 mm (1.3 in.)
Diameter	16.5 mm (0.6 in.)
Nominal Voltage	2.6 V*
Voltage Range	1.5-3.4 V
Nominal Capacity	1.42 Ah*
Specific Energy	238 Wh/kg
Energy Density	540 Wh/L
Maximum Continuous Current	1.5 A
Maximum Pulse Current	Up to 10 A for 5 sec**
Operating Temperature	-40 to 80°C (-40 to 176°F)
Storage Temperature	-40° to 85°C (-40 to 185°F)
Shelf life	10 years
Exterior	Nickel-plated steel container with heat sleeve
Terminals/Connector	Based upon customer preference
Transportation	Class 9 ID number UN 3090***

* At 25°C (77°F), 150 mA load to 1.5 V

** Maximum current can vary according to pulse characteristics, temperature and cell history

*** For complete transportation regulations, contact EaglePicher

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