



## 3.0 Volt Primary D Cell

# High-Capacity, Lightweight Lithium Cell with High-Rate Capability Over a Wide Temperature Range

Li/CF<sub>x</sub>-MnO<sub>2</sub> Hybrid

### Features and Benefits

- Two times the capacity of Li-SO<sub>2</sub> D cells
- 1.4 times the capacity of Li-MnO<sub>2</sub> D cells
- Wide operating temperature range
- Excellent rate capability
- Fully welded hermetically sealed design
- Pressure relief vent, shutdown separator and re-settable thermal fuse for safety
- Long shelf life
- Negative case polarity
- Wide range of mission applications
- Easily configured for any custom battery assembly

### Applications

- Soldier power: command, control, communications, computers, intelligence, surveillance and reconnaissance (C<sup>4</sup>ISR), Silent Watch
- Unattended ground sensors
- Survival and emergency equipment
- GPS/mobile assist devices
- Alarming devices
- Automatic meter reading

### Specifications

Part Number	LCF-133S
Nominal Voltage <sup>1</sup>	2.6V
Voltage Range	2.0-3.3V
Capacity <sup>1</sup>	15.0Ah
Maximum Continuous Current <sup>1,2</sup>	3A
Maximum Pulse Current	6A
Operating Temperature	-40 to +60°C (-40 to +140°F)
Storage Temperature	-40 to +71°C (-40 to +160°F)
Diameter	33 mm (1.3 in.)
Height	61 mm (2.4 in.)
Weight	101 g (0.22 lbs)
Specific Energy <sup>1</sup>	464 Wh/kg
Energy Density <sup>1</sup>	734 Wh/L
Exterior	Steel container
Terminals/Connector	Based on customer preference
Transportation <sup>3</sup>	Class 9 - U.S. and International

<sup>1</sup> Based on 2A discharge at 21°C (70°F)

<sup>2</sup> Depends on combination of rate, temperature, thermal management and other application factors. Consult EaglePicher.

<sup>3</sup> Contact EaglePicher for more complete transportation regulations.

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