



3.4 Volt Primary D Cell



**High reliable,
lightweight cell that
safely operates over
a wide temperature
range**

Non-Rechargeable Lithium Carbon Monofluoride (Li/CF_x) Cell

Features and Benefits

- Wide operating temperature range
- Long-shelf life
- No start up voltage delay
- Fully welded, hermetically sealed construction
- High temperature and corrosion proof glass to metal seal
- 260 psi mechanical vent
- High-temperature shut down safety mechanism
- Short circuit protection
- Ability to withstand high-shock environments
- Ability to withstand high-vibration environments
- Passed nail penetration and UN transportation tests
- Negative case polarity
- High energy
- Ability to perform safely and reliably up to 165°C
- Easy integration within multi-cell tubular cylindrical packs

Specifications

Part Number	LCF-137
Weight	90 g (3.2 oz)
Height	61 mm (2.4 in.)
Diameter	33 mm (1.3 in.)
Open Circuit Voltage	3.4 ±0.2V at 21°C (70°F)
Nominal Voltage	2.95 V ¹
Capacity	16 Ah at 150°C (302°F) at 375 mA
Specific Energy	524 Wh/kg ¹
Energy Density	905 Wh/L ¹
Maximum Continuous Charge	up to 1 A ²
Maximum Pulse Current	up to 3 A ²
Operating Temperature	-20 to 165°C (-4 to 329°F)
Storage Temperature	-40 to 71°C (-40 to 160°F)
Exterior Construction	Nickel plated steel
Terminals/Connectors	Based upon customer preference
Transportation	Class 9 Identification #UN3090 ³
¹ At 150°C (302°F), 375 mA to 2.0 V	
² Maximum current can vary according to pulse characteristics, temperature and cell history	
³ For complete transportation regulations, contact EaglePicher	

Applications

- Oil drilling, downhole and oil and gas well monitoring
- Sensors and beacons
- Data storage
- Black box recorders

3.4 Volt Primary D Cell

Discharge @ 375 mA (C/40 Rate)

