



Primary CF_x Hybrid 3-Cell Pack

LCF-136 Development Pack with Integral Thermal and Over-Current Fusing Enables Safe Characterization and Application Support

Li/CF_x-MnO₂ Primary Electrochemistry
3-Cell, Series-Connected Development Pack

Features and Benefits

- Primary, single use pack
 - No maintenance
 - No recharge facilities required
 - Long-shelf life, up to 7 years at 20°C (68°F)
- 3-series connected LCF-136 primary cells
- High discharge rate, up to 22 watts¹
- Additional safety:
 - Thermal fusing
 - Over-current fusing

¹ Maximum power dependent upon cell cooling effectiveness ($\geq 17W/m^2K$)

Applications

- High-power applications at low temperatures
- Portable one-time use power
- Survival and emergency equipment
- Surveillance
- Unmanned aerial vehicle (UAV), underwater unmanned vehicle (UUV) and autonomous underwater vehicle (AUV)

Specifications

Part Number	MAP-9581
Weight	130 g
Dimensions	65 mm L x 54 mm W x 24 mm H (2.56" L x 2.14" W x 0.95" H)
Continuous Current ²	3A at 20°C (68°F)
Maximum Pulse Current ²	10A for 20 sec
Voltage Range	10.2-4.5V
Capacity ³	up to 4.9Ah
² Thermal management required to achieve higher discharge rates - contact EaglePicher for specific application details	
³ Depends upon discharge current/rate	

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