

Dual Mode 15V/30V Primary Battery

Li/CF_x-MnO₂ Hybrid



Highly reliable, lightweight battery, with 2X the capacity of Li-SO₂ and impressive rate capability over a wide temperature range

Features & Benefits

- + 2X the capacity of Li-SO₂ BA-5590 Battery
- + 1.4X the capacity of Li-MnO₂ BA-5390 Battery
- + Capable of operating in 15V or 30V modes
- + Excellent rate capability
- + Contour case design for improved heat dissipation
- + Wide operating temperature range
- + Current and thermal fuses for safe operation
- + Long shelf life
- + Wide range of mission applications
- + State of Charge Indicator (5 levels)
- + Complete Discharge Device
- + SMBus interface capability

Applications

- + Meets BA-5790 requirements
- + Alternative to BA-5590 and BA-5390 batteries
- + Soldier power: C4ISR, Silent watch
- + Unattended ground sensors
- + Survival and emergency equipment
- + GPS/Mobile assist devices
- + Alarming devices

Specifications

Part Number	LCF-XX90-03	
	30V Mode	15V Mode
Nominal Voltage	26.0 Volts*	13.0 Volts*
Maximum Voltage	33.0 Volts	16.5 Volts
Minimum Voltage (cut-off)	20.0 Volts	10.0 Volts
Capacity	15.0 Ah*	30.0 Ah*
Max Continuous Current	3.0A**	6.0A**
Max Pulse Current	Up to 6.0A**	Up to 12.0A**
Weight	1030 g	
Specific Energy	379 Wh/kg	
Energy Density	446 Wh/l	
Operating Temperature	-40°C to +60°C	
Storage Temperature	-40°C to +71°C	
Exterior	Hard plastic case	
Terminals / Connector	Connector SC-C-179492	
Transportation	Class 9 - U.S. and International***	

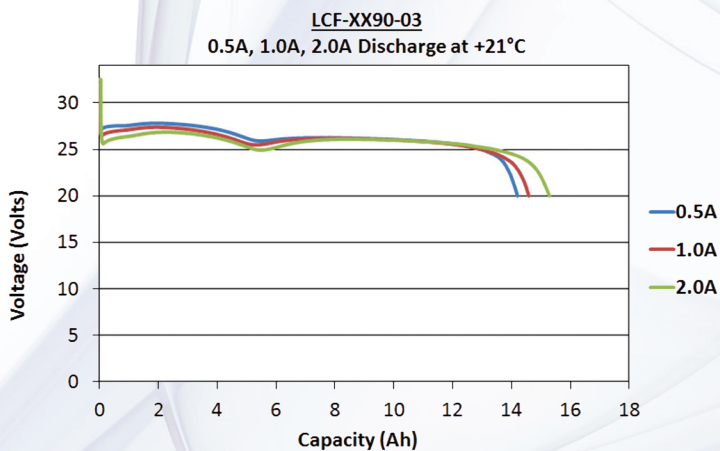
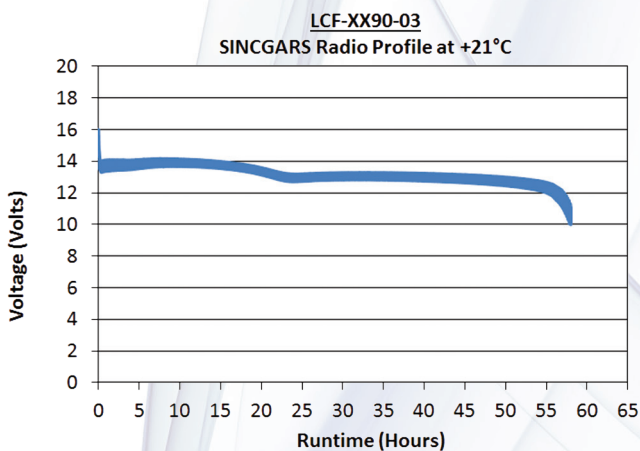
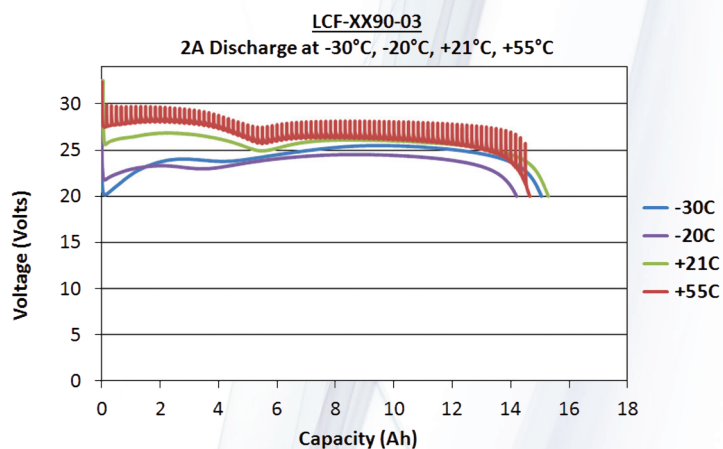
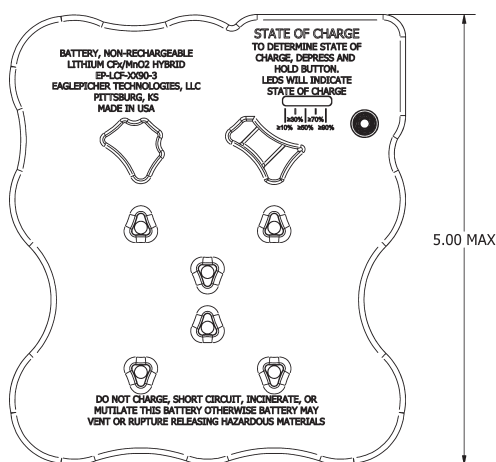
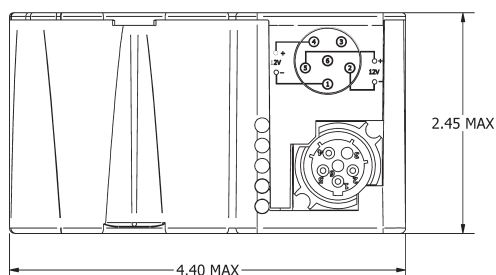
*At 21°C, 2.0 Amp Load per battery section to cutoff voltage

**Depends on combination of rate, temperature, and other application factors.

Contact EaglePicher for more information

*** Contact EaglePicher for complete transportation regulations

LCF-XX90-03



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