

LCF-15002

EaglePicher™
Technologies, LLC
A VECTRA Company

Dual Mode 15V/30V Primary Battery



Non-Rechargeable 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
- ✦ Patented 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

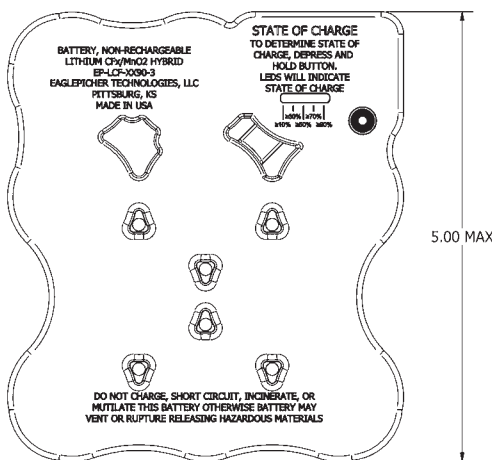
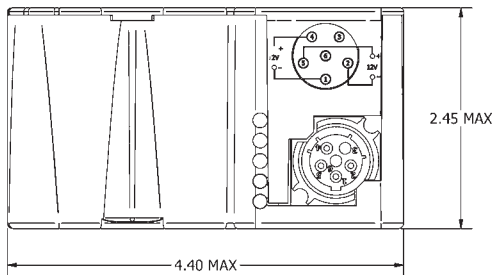
- ✦ Meets BA-5790 requirements
- ✦ Alternative to BA-5590 and BA-5390 batteries
- ✦ Soldier power: C4ISR, Silent watch
- ✦ Unattended ground sensors
- ✦ Survival and emergency equipment
- ✦ GPS/Mobile assist devices
- ✦ Alarming devices

Specifications

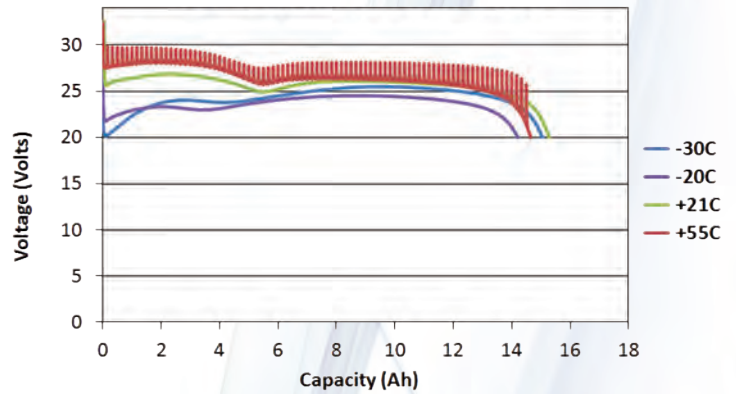
Part Number	LCF-15002	
	30V Mode	15V Mode
Nominal Voltage	26.0 Volts*	13.0 Volts*
Maximum Voltage	33.0 Volts	16.5 Volts
Minimum Voltage (cut-off)	20.0 Volts	10.0 Volts
Capacity	15.0 Ah*	30.0 Ah*
Max Continuous Current	2A	4A
Max Pulse Current	2.5A	5.0A
Weight	1010 g	
Specific Energy	386 Wh/kg	
Energy 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
** Contact EaglePicher for complete transportation regulations

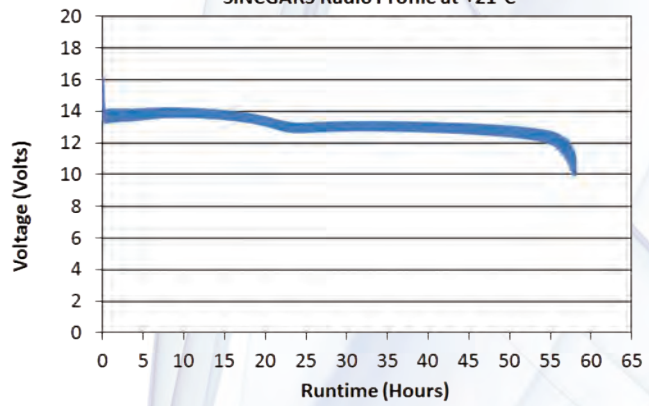
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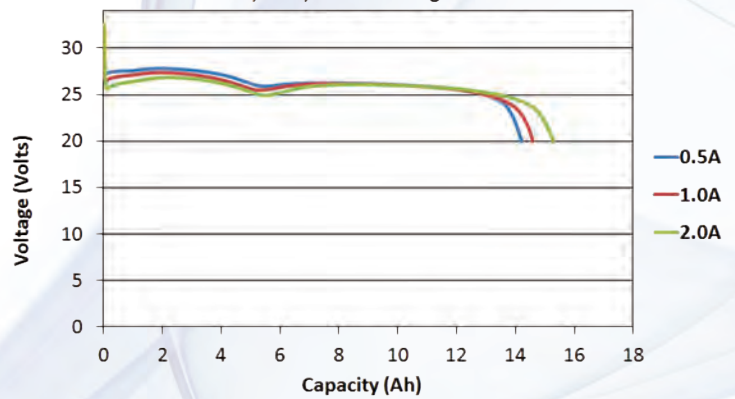
2A Discharge at -30°C, -20°C, +21°C, +55°C



SINCGARS Radio Profile at +21°C



0.5A, 1.0A, 2.0A Discharge at +21°C



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