

EaglePicher™ Portable Power

FROM THE ARCTIC TO THE DESERT —
HIGH-PERFORMANCE ENERGY YOU CAN RELY ON



THE BEST CHOICE FOR SEVERE CONDITIONS

EaglePicher Technologies has 40 years of experience designing specialty batteries that can withstand some of the harshest conditions on earth. Whether powering search and rescue equipment in the bitter arctic or communications equipment in the sweltering desert, failure is not an option.

COMMUNICATIONS AND BACKUP POWER

EaglePicher is a critical lithium battery technology supplier to the Department of Defense for multiple military campaigns including Operation Enduring Freedom and Operation Iraqi Freedom.

Applications include:

- Communications devices
- Unmanned Aerial Vehicles
- Unmanned Underwater Vehicles
- Specialized marine safety and industrial equipment

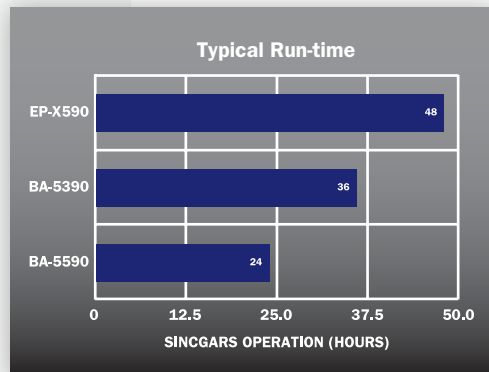
Lithium Carbon Monofluoride (Li-CFx)

EaglePicher recently introduced the most advanced Li-CFx battery technology for portable power applications. The first two batteries, EP-X295 and EP-X590 are for portable military communications equipment, specifically SINCGARS, as an alternative to BA-5590, BA-5390 and BB-2590. Additional configurations will be introduced for other military and industrial applications.

Batteries using Li-CFx are unpressurized systems and are considered very stable compared to other lithium-based structures. The EP-X295 and EP-X590 have been tested against the Army's Mil-PRF-49471B battery specifications and have passed UN Transportation testing.

EaglePicher Technologies
C and Porter Streets
Joplin, MO 64802-0047
PHONE (417)623-8000

portable.power@eaglepicher.com
www.eaglepicher.com



This chart compares BA-5590 (Li-SO₂), BA-5390 (Li-MnO₂) and EP-X590 (Li-CFx) batteries with respect to typical electrical performance and weight.

Lithium Carbon Monofluoride (Li-CFx) Batteries

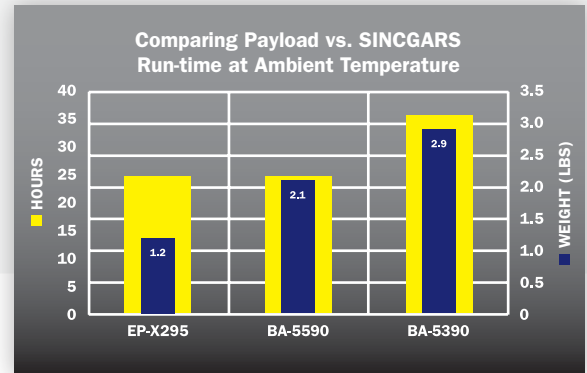


EP-X295

A lighter, smaller alternative to BA-5590 and BA-5390

EaglePicher's EP-X295 is a 15-volt non-rechargeable battery that is nearly half the size and weight of the BA-5590 and BA-5390, resulting in a significant reduction in both payload and logistical costs.

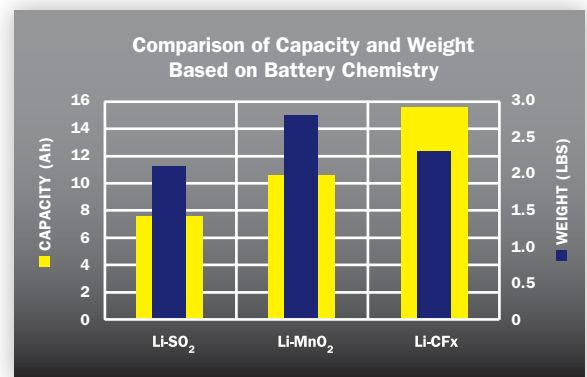
The EP-X295 has a capacity equivalent to the BA-5590 and is intended for 20W nominal applications.



EP-X590

Twice the capacity of BA-5590 at the same size and weight

EaglePicher's EP-X590 is a non-rechargeable battery with twice the capacity of BA-5590 at approximately the same weight. In comparison to the BA-5390, the EP-X590 offers 50-percent more capacity than the BA-5390 with an appreciable lower weight.



EaglePicher is also advancing rechargeable Li-ion cell and battery technology for portable power applications, as well as aerospace and premium commercial applications.

