

EaglePicher™ Lithium-ion

THE NEXT GENERATION IN BATTERY TECHNOLOGY



AN INDUSTRY INNOVATOR

EaglePicher is applying its energy expertise to the advancement of lithium-ion – the latest and most advanced battery technology.

LEADERSHIP

- First to launch large prismatic Li-ion battery into orbit
- State-of-the-art research/development and manufacturing facilities
- Multiple research contracts for advanced Li-ion development
- First to market with Li-ion cells for rechargeable implantable medical devices, through our affiliate EaglePicher Medical Power

INVESTING IN THE FUTURE OF LITHIUM-ION

Committed to satisfying emerging customer application needs...

EaglePicher has invested in a dedicated manufacturing center that utilizes the most advanced equipment and innovative processes to bring Li-ion technology to market.

- Automated manufacturing equipment
- Optimized process design for Lean manufacturing and Just-In-Time product management
- Advanced manufacturing process control systems for real time data collection and management
- Dedicated air handling systems to avoid cross contamination
- Paperless tracking of all cell, battery build and performance data

EaglePicher Technologies
C and Porter Streets
P.O. Box 47
Joplin, MO 64802-0047

(417)623-8000 PHONE

Li-ion@eaglepicher.com
www.eaglepicher.com





TECHNOLOGY LEADERSHIP

Leveraging its rich heritage and technical expertise in battery technology, EaglePicher is playing a key role in the development of Li-ion for aerospace, defense, underwater, medical and other elite markets. Li-ion provides higher energy levels and longer cycle life at a lower weight and in smaller volumes than lead acid, Ni-Cd, or Ni-MH batteries.

EaglePicher has improved Li-ion battery packaging efficiency using true prismatic design over cylindrical, leading to an overall enhancement in the Wh/L at the battery level. The improvements don't stop there; battery performance is increased with EaglePicher's Battery Management System circuitry that protects and balances individual cells.

With state-of-the-art research and manufacturing facilities, EaglePicher is positioned to become the leader in advanced Li-ion technology.

NANOTECHNOLOGY RESEARCH

EaglePicher is researching the incorporation of nano materials to maximize output, reduce the size and weight of current systems, increase performance and reduce life cycle costs for Li-ion batteries – all while improving safety and stability in harsh conditions.

POWERED BY LI-ION

EaglePicher's Li-ion technology is focused on several core market applications, including:

- Aircraft
- Military, communication and scientific satellites
- Launch vehicle systems
- Unmanned Underwater Vehicles
- Submarines
- Special Operations
- Portable devices
- Unmanned Aerial Vehicles
- Medical devices, through our affiliate EaglePicher Medical Power

