

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported):

August 19, 2003

ULTRALIFE BATTERIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

0-20852

16-1387013

(Commission File Number)

(I.R.S. Employer Identification No.)

2000 Technology Parkway, Newark, New York 14513

(Address of principal executive offices) (Zip Code)

(315) 332-7100

(Registrant's telephone number, including area code)

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Item 7. Financial Statements, Pro Forma Financials and Exhibits.

(a) Financial Statements of Business Acquired.

Not applicable.

(b) Pro Forma Financial Information.

Not applicable.

(c) Exhibits.

99.1 Press Release dated August 19, 2003

Item 9. Regulation FD Disclosure.

The Company announced the receipt of a \$1.4 million order for its HiRate(TM) D-size lithium cells from one of its U.S. battery assembly customers, a prime contractor to the U.S. Army. Deliveries have begun and are expected to continue through the first quarter of 2004. Refer to the attached Exhibit 99.1 for the entire text of the release, which Exhibit is being furnished but not filed in accordance with Regulation FD.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ULTRALIFE BATTERIES, INC.

Dated: August 19, 2003

By: /s/ Peter F. Comerford

Peter F. Comerford
Vice President - Administration &
General Counsel

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Index to Exhibits

(99) Additional Exhibits

99.1 Press Release dated August 19, 2003

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Ultralife Batteries, Inc. Receives \$1.4 Million Order for
HiRate Military Cells

Newark, New York - August 19, 2003 - Ultralife Batteries, Inc. (NASDAQ: ULBI), today announced the receipt of an order valued at approximately \$1.4 million for its HiRate(R)D-size lithium cells from one of its U.S. battery assembly customers, a prime contractor to the U.S. Army. Ultralife announced orders for the same product from this customer in July, February and last October. The cells are used in batteries for thermal imaging sights, which are mounted on weapons. The batteries will be supplied to the U.S. Army Communications and Electronics Command. Cell deliveries have begun and are expected to continue through the first quarter of 2004.

John Kavazanjian, Ultralife's president and chief executive officer, said, "This continued stream of orders, both from our battery assembly customers and the U.S. Army, supports our ongoing effort to capitalize on the increasing demand for our advanced batteries in the military market."

Ultralife's D-size lithium-manganese dioxide primary (non-rechargeable) cells provide significantly more energy than competitors' lithium-sulfur dioxide cells. These cells are used in a wide range of military and industrial applications where high energy, long shelf life, safety and high reliability are required.

About Ultralife Batteries, Inc.

Ultralife is a leading developer, manufacturer, and marketer of standard and customized lithium primary (non-rechargeable), lithium ion and lithium polymer rechargeable batteries. Ultralife's high-energy batteries use advanced lithium technology and are used in military, industrial and consumer portable electronic products. Through its range of standard products and ability to customize for a wide range of applications, Ultralife is able to provide the next generation of battery solutions. OEM, retail and government customers include Energizer, Kidde Safety, Philips Medical Systems, Radio Shack and the national defense agencies of the United States and United Kingdom, among others.

Ultralife's headquarters, principal manufacturing and research facilities are in Newark, New York, near Rochester. Ultralife (UK) Ltd., a second manufacturing and research facility, is located in Abingdon, U.K. Both facilities are ISO-9001/2000 certified.

This press release may contain forward-looking statements based on current expectations that involve a number of risks and uncertainties. The potential risks and uncertainties that could cause actual results to differ materially include: worsening global economic conditions, increased competitive environment and pricing pressures, disruptions related to restructuring actions and delays. Further information on these factors and other factors that could affect Ultralife's financial results is included in Ultralife's Securities and Exchange Commission (SEC) filings, including the latest Annual Report on Form 10-K.

Detailed information on Ultralife is available at the Company's web site, www.ultralifebatteries.com.

Ultralife(R) and Ultralife HiRate(R) are registered trademarks Ultralife Batteries, Inc.

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