

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

FORM 8-K

Current Report
PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported):

April 19, 2006

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)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01. Regulation FD Disclosure.

Ultralife Batteries, Inc. (the "Company") has received an order valued at approximately \$1.9 million for its new BA-5390A battery with state-of-charge indicator from the U.S. Defense Department. Deliveries are expected to be completed this quarter.

The Company's press release is attached as Exhibit 99.1 to this Form 8-K, and the information set forth therein is furnished under Item 7.01.

Item 9.01. 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 April 19, 2006.

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: April 19, 2006.

By: /s/ Peter F. Comerford

Vice President of Administration
& General Counsel

INDEX TO EXHIBITS

(99) Additional Exhibits

99.1 Press Release dated April 19, 2006.

Ultralife Batteries Receives \$1.9
Million BA-5390A Battery Order

NEWARK, N.Y.--(BUSINESS WIRE)--April 19, 2006--Ultralife Batteries, Inc. (NASDAQ: ULBI) has received an order valued at approximately \$1.9 million for its new BA-5390A battery with state-of-charge indicator from the U.S. Defense Department. Deliveries are expected to be completed this quarter. This is the second order against the company's Next Gen II, Phase IV five-year battery contract.

John D. Kavazanjian, Ultralife's president and chief executive officer said, "This order reinforces our expectation that we will get back on track with deliveries this year and provides support for the continued growth of our share of the U.S. military market."

In December 2004, Ultralife announced that its U.S. and U.K. manufacturing operations were awarded the 60 percent and the 40 percent shares, respectively, of the Next Gen II, Phase IV five-year battery production contracts by the U.S. Defense Department. The combined contracts could reach a maximum value of \$286 million, a majority of which is related to the BA-5390A battery.

Next Gen II is the U.S. Military's five-year battery procurement strategy. The Phase IV production contracts were awarded to Ultralife's U.S. and U.K. operations to provide five types of non-rechargeable lithium/manganese dioxide batteries. The five battery types - BA-5390A, BA-5312, BA-5398, BA-5388 and BA-5357 - comprise the Rectangular Lithium/Manganese Dioxide Battery Group.

The BA-5390A, an advanced non-rechargeable lithium/manganese dioxide battery with 50 percent more energy and built-in state-of-charge indicator, is a superior alternative to the lithium/sulfur dioxide BA-5590 battery. The state-of-charge indicator, which uses Light Emitting Diodes that are activated by a push-button, displays the battery's state of charge in five distinct ranges of remaining capacity, providing the user with valuable remaining-life information. Ultralife's BA-5390A is widely used to power more than 50 military applications, such as the AN/PRC-119 SINCGARS (Single Channel Ground and Airborne Radio System) and the Javelin Medium Anti-Tank Missile Command Launch Unit. More energy in each battery - in some applications providing twice the life of the lithium/sulfur dioxide-based BA-5590 battery - combined with the new state-of-charge indicator, offers longer mission time with fewer batteries for soldiers to carry, and fewer batteries to ship and dispose of, all of which reduce cost for the military.

About Ultralife Batteries, Inc.

Ultralife is a global provider of high-energy power systems for diverse applications. The company develops, manufactures and markets a wide range of non-rechargeable and rechargeable batteries, charging systems and accessories for use in military, industrial and consumer portable electronic products. Through its portfolio of standard products and engineered solutions, Ultralife is at the forefront of providing the next generation of power systems. Industrial, retail and government customers include General Dynamics, Philips Medical Systems, General Motors, Energizer, Kidde Safety, Lowe's, Radio Shack and the national defense agencies of the United States, United Kingdom, Germany and Australia, among others.

Ultralife's headquarters, principal manufacturing and research facilities are in Newark, New York, near Rochester. Ultralife Batteries (UK) Ltd., a second manufacturing facility, is located in Abingdon, England. Both facilities are ISO-9001 certified. Detailed information on Ultralife is available at the company's web site, www.ultralifebatteries.com.

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.

Note to editors: Photos of the BA-5390A and other Ultralife military batteries are available at:
<http://www.ultralifebatteries.com/milphoto>

Ultralife(R) is a registered trademark of Ultralife Batteries, Inc.

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