

ULTRALIFE BATTERIES INC  
 Form 4  
 September 26, 2006

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 GRACE BROTHERS LTD

2. Issuer Name and Ticker or Trading Symbol  
 ULTRALIFE BATTERIES INC  
 [ULBI]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 1560 SHERMAN AVE SUITE 900  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 09/22/2006

\_\_\_\_ Director  
 \_\_\_\_ Officer (give title below)  
 \_\_\_X\_\_\_ 10% Owner  
 \_\_\_\_ Other (specify below)

EVANSTON, IL 60201

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 \_\_\_X\_\_\_ Form filed by One Reporting Person  
 \_\_\_\_ Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	09/22/2006		P		100 A \$ 8.9	3,315,582	D
Common Stock	09/22/2006		P		100 A \$ 8.91	3,315,682	D
Common Stock	09/22/2006		P		200 A \$ 8.92	3,315,882	D
Common Stock	09/22/2006		P		5,300 A \$ 8.94	3,321,182	D
Common Stock	09/22/2006		P		200 A \$ 8.95	3,321,382	D

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Common Stock	09/22/2006	P	100	A	\$ 8.99	3,321,482	D
Common Stock	09/22/2006	P	5,300	A	\$ 9	3,326,782	D
Common Stock	09/22/2006	P	200	A	\$ 9.01	3,326,982	D
Common Stock	09/22/2006	P	4,100	A	\$ 9.02	3,331,082	D
Common Stock	09/22/2006	P	400	A	\$ 9.03	3,331,482	D
Common Stock	09/22/2006	P	100	A	\$ 9.04	3,331,582	D
Common Stock	09/22/2006	P	11,509	A	\$ 9.05	3,343,091	D
Common Stock	09/22/2006	P	700	A	\$ 9.06	3,343,791	D
Common Stock	09/22/2006	P	200	A	\$ 9.08	3,343,991	D
Common Stock	09/22/2006	P	1,897	A	\$ 9.09	3,345,888	D
Common Stock	09/22/2006	P	17,880	A	\$ 9.1	3,363,768	D
Common Stock	09/22/2006	P	100	A	\$ 9.11	3,363,868	D
Common Stock	09/22/2006	P	397	A	\$ 9.12	3,364,265	D
Common Stock	09/22/2006	P	2,000	A	\$ 9.13	3,366,265	D
Common Stock	09/22/2006	P	918	A	\$ 9.14	3,367,183	D
Common Stock	09/22/2006	P	5,400	A	\$ 9.15	3,372,583	D
Common Stock	09/22/2006	P	1,791	A	\$ 9.16	3,374,374	D
Common Stock	09/22/2006	P	400	A	\$ 9.17	3,374,774	D
Common Stock	09/22/2006	P	500	A	\$ 9.18	3,375,274	D
Common Stock	09/22/2006	P	2,200	A	\$ 9.19	3,377,474	D
	09/22/2006	P	43,060	A	\$ 9.2	3,420,534	D

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Common Stock								
Common Stock	09/22/2006		P	1,400	A	\$ 9.22	3,421,934	D
Common Stock	09/22/2006		P	600	A	\$ 9.29	3,422,534	D
Common Stock	09/22/2006		P	3,877	A	\$ 9.3	3,426,411	D
Common Stock	09/22/2006		P	500	A	\$ 9.31	3,426,911	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
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## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director    10% Owner    Officer    Other

GRACE BROTHERS LTD  
1560 SHERMAN AVE SUITE 900  
EVANSTON, IL 60201

X

## Signatures

Bradford T. Whitmore, General Partner

09/26/2006

\_\_\_\_Signature of Reporting Person

\_\_\_\_Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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