



## Lithium Batteries

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### PRODUCT STANDARDS

Exell Battery cylindrical lithium batteries are manufactured with the highest quality and standards in practice. They provide excellent safety while delivering superior performance. Our lithium batteries come in two popular chemistries that fit many application, Lithium Manganese (Li-MN) and Lithium Phosphate (Li-FePO4).

All the lithium batteries are tested with the product verification based on IEC61951 and UL2054. They are tested for capacity, overcharge and over-discharge, short circuiting, vibration / shock / drop, heating cycling and charge/discharge cycling.

[Li-Mn](#) > [Li-FePO4](#) >

### EXELL LITHIUM MANGANESE LI-MN

Exell Battery carries cylindrical lithium batteries in Lithium Manganese (Li-Mn) great for e-cigarettes / vapor mods, flashlights, led lighting, portable POS terminals to name a few.



#### High Density

High energy density and high voltage ensure small battery dimensions

#### Long Cycle Life

Long cycle life and stable power supply with flat discharge voltage

#### Safety Protection

Safety protection circuit in all our Li-ion batteries

#### Safety Performance

Safety performance utilizing HRL technology

MODEL	CELL SIZE	VOLTAGE (V)	CAPACITY (MAH)	CHARGE RATE	DIAMETER (MM)	HEIGHT (MM)
EBLI-14430C6.5	14430	3.7	650	1~3C	13.9	43.0
EBLI-14500C8	14500	3.7	800	1~3C	13.9	50.2
EBLI-16340HP6	16340	3.7	600	15~20C	16.8	34.0
EBLI-18350HP7	18350	3.7	700	15~20C	18.0	35.0
EBLI-18500C15	18500	3.7	1500	1~3C	18.0	50.2
EBLI-18500HP11	18500	3.7	1100	15~20C	18.0	50.2
EBLI-18650C20	18650	3.7	2000	1~3C	18.0	65.2
EBLI-18650C26	18650	3.7	2600	1~3C	18.0	65.2
EBLI-18650HP25	18650	3.7	2500	15~20C	18.0	65.2
EBLI-26650HP34	26650	3.7	3400	15~20C	26.0	65.2



### EXELL LITHIUM PHOSPHATE LI-FEPO4

Exell Battery carries cylindrical lithium batteries in Lithium Phosphate (Li-FePO4) great for solar lighting, ups, telecom systems, robot cleaners and more.

#### High Temperatures

Operating temperatures up to 140°F (60°C) with 5-10yr life span

#### Low Weight

High energy density and power but a 1/3 of the weight of other batteries.

#### High Performance

Ideal for high performance applications, virtually maintenance free

#### Stable Discharge

Stable discharge platform circumventing equipment exceptions

MODEL	CELL SIZE	VOLTAGE (V)	CAPACITY (MAH)	DIAMETER (MM)	HEIGHT (MM)
EB-LFP-14430-400	14430	3.2	400	13.9	43.0
EB-LFP-14500-600	14500	3.2	600	13.9	50.2
EB-LFP-18500-800	18500	3.2	800	18.0	50.2
EB-LFP-18500-1200	18500	3.2	1200	18.0	50.2
EB-LFP-18650-1500	18650	3.2	1500	18.0	65.2

#### Quick Links

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#### Having Trouble

If for some reason your having trouble find the right product, be sure to give us a toll free call. Our products lines are always expanding and may have your product already in stock.

#### Quick Contact Information

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