

## Advantages of a Lithium

- Extremely light weight, 70-80% lighter than your lead acid battery
- Very low self-discharge rate, it can hold a charge for the entire off-season (over 6 months) except in bikes with continuous draws such as a Harley
- Environmentally friendly, no lead or acid, non poisonous, non toxic, no hazardous waste
- Maintenance free, will not corrode or sulfate
- Will not freeze, boil or sulfate
- Wider operating temperature range than a lead acid
- Higher starting voltage while engine cranking means faster starts
- Can be mounted in any position
- Fast charging- can charge much faster than a lead acid
- Much longer life span than a lead acid
- LiFePO4 Chemistry is the most robust, safe and abuse tolerant on the market

## Dimensions (L)x(W)x(H)

**Case A:** 4.5 x 2.6 x 3.7in (113 x 66 x 95mm)

**Case B:** 5.3 x 2.6 x 4.1in (135 x 66 x 105mm)

**Case C:** 5.9 x 3.4 x 4.5in (150 x 86 x 115mm)

**Case D:** 6.9 x 3.4 x 6.1in (175 x 86 x 155mm)

**Case E:** 6.5 x 3.1 x 6.6in (166 x 79 x 168mm)

**Case F:** 5.9 x 3.4 x 3.6in (150 x 86 x 93mm)

**Case G:** 3.54 x 1.96 x 3.38in (90 x 50 x 86mm)

## ETX Series Lithium Battery Specifications

Model	Price	Volts	EqAh/Ah*	Crank Amps (PCA/CCA)	Weight	Case Size	Notes About ETX Series
ETX12A	\$169	13.2	12/4	220/135	1.3 lb (0.6Kg)	A	<i>The ETX Series is fully protected by an integrated battery management system (BMS) that protects the cell's from over discharge, over charge, short circuit, thermal protection and built in cell balancing to ensure charge levels are equal (balanced) 100% of the time for optimal performance and life.</i>
ETX18B	\$219	13.2	18/6.2	340/230	2.2 lb (1.0Kg)	B	
ETX18C	\$219	13.2	18/6.2	340/230	2.2 lb (1.0Kg)	C	
ETX18F	\$219	13.2	18/6.2	340/230	2.2 lb (1.0Kg)	F	
ETX24C	\$259	13.2	24/7.8	420/270	2.6 lb (1.2Kg)	C	
ETX36C	\$349	13.2	36/12.4	680/320	3.9 lb (1.8Kg)	C	
ETX36D	\$349	13.2	36/12.4	680/320	3.9 lb (1.8Kg)	D	
ETX36E	\$349	13.2	36/12.4	680/320	3.9 lb (1.8Kg)	E	

\*EqAh rating used for starter battery only, Ah rating for deep cycle.

## ETZ Series Lithium Battery Specifications

Model	Price	Volts	EqAh/Ah*	Crank Amps (PCA/CCA)	Weight	Case Size	Notes About the ETZ Series
ETZ5G	\$139	13.2	10/3.4	240/140	1.15 lb (0.52Kg)	G	<i>The ETZ Series is protected by a battery management system (BMS) that protects the cells from over charge, short circuit and built in cell balancing.</i>
ETZ14C	\$249	13.2	20/6.8	330/690	2.5 lb (1.1Kg)	C	

\*EqAh rating used for starter battery only, Ah rating for deep cycle.

## ETX Hundred Series Lithium Battery Specifications

Model	Price	Volts	Ah (1C rate)	Crank Amps (PCA/CCA)	Weight	Case Size	Aircraft / Race Car Guidelines
ETX680C	\$379	13.2	12.4	680/320	3.9 lb (1.8Kg)	C	400ci engine size or less; 60 amp alternator or less
ETX680	\$379	13.2	12.4	680/320	4.1 lb (1.86Kg)	E	400ci engine size or less; 60 amp alternator or less
ETX900	\$449	13.2	16	840/400	4.9 lb (2.2Kg)	E	550ci engine size or less; 80 amp alternator or less
ETX900-VNT	\$549	13.2	16	840/400	5.4 lb (2.4Kg)	E	550ci engine size or less; 80 amp alternator or less; includes built in thermal runaway containment and venting for in cabin installation
ETX1200	\$725	13.2	24.8	1200/600	6.9 lb (3.1Kg)	E	550ci engine size or larger; 120 amp alternator or less

Only the ETX Hundred series (ETX680C, ETX680, ETX900, ETX900-VNT and the ETX1200) are recommended for your primary engine aircraft battery. These models come with redundant electronic circuits on the BMS board and have an LED battery fault light indicator to alert you to cell health and state of charge. These features include over discharge protection, over charge protection, short circuit protection, excessive cranking protection (temperature sensing) in addition to integrated cell balancing technology.

## What Makes EarthX Different

- Leader in cutting edge technology with a fully integrated battery management system
- Multiple battery lines with customized battery management systems
- Most trusted and used lithium battery by OEM's; includes custom applications, aircraft, military and power sport vehicles
- American engineered and made product
- Torture and vibration tested
- Wider operational temperature range than other batteries. (-22° F to 140° F, -30 ° C to 60° C).
- Center mounted terminals for universal fitment (polarity)
- Custom made prismatic LiFePo4 cells



**They Really Are That Light!**

### About EarthX, Inc.

EarthX, Inc. is a Colorado based engineering and manufacturing company. Our mission is to provide a better alternative to the 160 + year old lead acid technology that is lighter, more powerful and lasts longer. EarthX, Inc. is proud to be an American manufacturer and is passionate about making the best quality lithium batteries.



## ETX / ETX Hundred / ETZ Series Lithium Batteries

When quality, performance and safety matter, EarthX is the most trusted and used brand in the industry for experimental aircraft companies, military and custom applications, and power sport manufacturers.

**Remove weight and increase power,  
all with one product!**



Proudly engineered and manufactured in the USA

## Accessories



OptiMate Lithium Battery Chargers  
Models TM-291 & TM-271 with BMS reset



Assorted Battery Boxes



EarthX Jump Pack  
USB 5V/2.1A port, 400 burst  
cranking amps



LED Lighting



Quick Connect Cables

## Warranty

The ETX and ETX Hundred Series have the best warranty in the industry, a full 2 years with no prorating. The ETZ Series has a full 1 year warranty.

## Contact Us

Customer Service/Tech Support  
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