

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
- Will not freeze, boil or sulfate
- 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

Accessories



OptiMate Lithium Battery Chargers



Assorted Battery Boxes



LED Lighting



Quick Connect Cables



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.

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 LiFePO₄ batteries. (-22° F to 140° F, -30° C to 60° C).
- Center mounted terminals for universal fitment (polarity)
- Custom made prismatic LiFePO₄ cells

Contact Us

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ETX / ETX Hundred / ETZ Series Lithium Batteries

When quality, performance, and safety matter, EarthX is the most trusted and used brand by companies such as Cirrus Aircraft, Van's Aircraft and Indy500 race cars.

Upgrade now to remove weight and increase power, all with one product!



Proudly engineered and manufactured in the USA

ETX Series Lithium Battery Specifications

Model	Price	Volts	Ah (1C rate)	Crank Amps (PCA/CCA)	Weight	Dimensions (L x W x H)	Case	Notes About ETX Series
ETX12A	\$169	13.2	4.0	220/135	1.3 lb (0.6Kg)	4.5" x 2.6" x 3.7" (113 x 66 x 95mm)	A	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. ETX Series comes with a 2-year full coverage warranty.
ETX18B	\$229	13.2	6.2	340/230	2.2 lb (1.0Kg)	5.3" x 2.6" x 4.1" (135 x 66 x 105mm)	B	
ETX18F	\$229	13.2	6.2	340/230	2.2 lb (1.0Kg)	5.9" x 3.4" x 3.6" (150 x 86 x 93mm)	F	
ETX24C	\$269	13.2	7.8	420/270	2.6 lb (1.2Kg)	5.9" x 3.4" x 4.5" (150 x 86 x 115mm)	C	
ETX36C	\$369	13.2	12.4	680/320	3.9 lb (1.8Kg)	5.9" x 3.4" x 4.5" (150 x 86 x 115mm)	C	
ETX36D	\$369	13.2	12.4	680/320	3.9 lb (1.8Kg)	6.9" x 3.4" x 6.1" (175 x 86 x 155mm)	D	

ETZ Series Lithium Battery Specifications

Model	Price	Volts	Ah (1C rate)	Crank Amps (PCA/CCA)	Weight	Dimensions (L x W x H)	Case	Notes About the ETZ Series
ETZ5G	\$139	13.2	3.4	240/140	1.15 lb (0.52Kg)	3.54" x 1.96" x 3.38" (90 x 50 x 86mm)	G	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. ETZ Series comes with a 1-year full coverage warranty.
ETZ14C	\$259	13.2	6.8	690/330	2.5 lb (1.1Kg)	5.9" x 3.4" x 4.5" (150 x 86 x 115mm)	C	

ETX Hundred Series Lithium Battery Specifications

Model	Price	Volts	Ah (1C rate)	Crank Amps (PCA/CCA)	Weight	Dimensions (L x W x H)	Case	Aircraft / Race Car Guidelines
ETX104	\$179	13.2	4.0	N/A	1.3 lb (0.6Kg)	4.5" x 2.6" x 3.7" (113 x 66 x 95mm)	A	Back Up battery provides power to your critical loads with built in current limiting, works with any engine and alternator size
ETX400-24-VNT		26.4	7.8	400/290	5.4 lb (2.4Kg)	6.5" x 3.0" x 6.6" (166 x 76 x 168mm)	E	
ETX680C	\$379	13.2	12.4	680/320	3.9 lb (1.8Kg)	5.9" x 3.4" x 4.5" (150 x 86 x 115mm)	C	400ci engine size or less; 60 amp alternator or less
ETX680	\$379	13.2	12.4	680/320	4.1 lb (1.86Kg)	6.5" x 3.0" x 6.6" (166 x 76 x 168mm)	E	400ci engine size or less; 60 amp alternator or less
ETX680-24-VNT	\$799	26.4	11.7	850/400	7.2 lb (3.2Kg)	6.5" x 5.1" x 6.6" (166 x 129 x 168mm)	U	Designed for turbine engines (parallel configuration) and piston engines up to 550ci. 70 amp alternator or less
ETX900	\$449	13.2	15.6	840/400	4.9 lb (2.2Kg)	6.5" x 3.0" x 6.6" (166 x 76 x 168mm)	E	550ci engine size or less; 80 amp alternator or less
ETX900-VNT	\$549	13.2	15.6	840/400	5.4 lb (2.4Kg)	6.5" x 3.0" x 6.6" (166 x 76 x 168mm)	E	550ci engine size or less; 80 amp alternator or less; includes built in thermal runaway containment and venting for in cabin installation
ETX900-24	\$899	26.4	15.6	840/400	8.9 lb (4.0 Kg)	6.5" x 5.1" x 6.6" (166 x 129 x 168mm)	U	900hp turbine engines or 550ci piston engines, 80 amp alternator or less
ETX1200	\$649	13.2	20.0	1200/600	5.6 lb (2.7Kg)	6.5" x 3.0" x 6.6" (166 x 76 x 168mm)	E	550ci engine size or larger; 120 amp alternator or less
ETX1200-24-VNT	\$1699	26.4	19.4	1200/650	12.4 lb (5.6Kg)	7.3" x 5.8" x 6.6" (185 x 162 x 168mm)	T	Designed to start turbine engines with max motor/generator output of 300 amp or less
ETX1600	\$899	13.2	32.0	1600/760	8.9 lb (4.0 Kg)	6.5" x 5.1" x 6.6" (166 x 129 x 168mm)	U	550ci engine or larger, 160 amp alternator or less, race car or auto, UTV's, touring/police bikes, upgrade replacement for the lead acid YIX30 or U1 cases applications.

CERTIFIED ETX Hundred Series Lithium Battery Specifications

ETX680-24-TSO	\$999	26.4	11.7	850/400	7.2 lb (3.2Kg)	6.5" x 5.1" x 6.6" (166 x 129 x 168mm)	U	FAA approved battery for certified aircraft. Need STC or Part 337 to install
ETX900-TSO	\$699	13.2	15.6	800/390	5.4 lb (2.4Kg)	6.5" x 3.0" x 6.6" (166 x 76 x 168mm)	E	

Only the ETX Hundred series 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.