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 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)
Case U: 6.5 x 5.1 x 6.6in (166 x 129 x 168mm)

ETX Series Lithium Battery Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Volts</th>
<th>Ah (1C rate)</th>
<th>Crank Amps (PCA/CCA)</th>
<th>Weight</th>
<th>Case Size</th>
<th>Notes About ETX Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETX12A</td>
<td>$169</td>
<td>13.2</td>
<td>4.0</td>
<td>220/135</td>
<td>1.3 lb (0.6Kg)</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>ETX18B</td>
<td>$219</td>
<td>13.2</td>
<td>6.2</td>
<td>340/230</td>
<td>2.2 lb (1.0Kg)</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>ETX18F</td>
<td>$219</td>
<td>13.2</td>
<td>6.2</td>
<td>340/230</td>
<td>2.2 lb (1.0Kg)</td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>ETX24C</td>
<td>$259</td>
<td>13.2</td>
<td>7.8</td>
<td>420/270</td>
<td>2.6 lb (1.2Kg)</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ETX36C</td>
<td>$349</td>
<td>13.2</td>
<td>12.4</td>
<td>680/320</td>
<td>3.9 lb (1.8Kg)</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ETX36D</td>
<td>$349</td>
<td>13.2</td>
<td>12.4</td>
<td>680/320</td>
<td>3.9 lb (1.8Kg)</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

ETX Hundred Series Lithium Battery Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Volts</th>
<th>Ah (1C rate)</th>
<th>Crank Amps (PCA/CCA)</th>
<th>Weight</th>
<th>Case Size</th>
<th>Notes About ETX Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETX104</td>
<td>$179</td>
<td>13.2</td>
<td>4.0</td>
<td>N/A</td>
<td>1.3 lb (0.6Kg)</td>
<td>A</td>
<td>400ci engine size or less; 60 amp alternator or less</td>
</tr>
<tr>
<td>ETX680C</td>
<td>$379</td>
<td>13.2</td>
<td>12.4</td>
<td>680/320</td>
<td>3.9 lb (1.8Kg)</td>
<td>C</td>
<td>540ci engine size or less; 80 amp alternator or less</td>
</tr>
<tr>
<td>ETX680</td>
<td>$379</td>
<td>13.2</td>
<td>12.4</td>
<td>680/320</td>
<td>4.1 lb (1.86Kg)</td>
<td>E</td>
<td>540ci engine size or less; 80 amp alternator or less</td>
</tr>
<tr>
<td>ETX900</td>
<td>$449</td>
<td>13.2</td>
<td>15.6</td>
<td>840/400</td>
<td>4.9 lb (2.2Kg)</td>
<td>E</td>
<td>540ci engine size or less; 80 amp alternator or less</td>
</tr>
<tr>
<td>ETX900-VNT</td>
<td>$549</td>
<td>13.2</td>
<td>15.6</td>
<td>840/400</td>
<td>5.4 lb (2.4Kg)</td>
<td>E</td>
<td>540ci engine size or less; 80 amp alternator or less; includes built in thermal runaway containment and venting for in cabin installation</td>
</tr>
<tr>
<td>ETX900-TSO-REV A</td>
<td>$699</td>
<td>13.2</td>
<td>15.6</td>
<td>840/400</td>
<td>5.4 lb (2.4Kg)</td>
<td>E</td>
<td>FAA approved battery for certified aircraft. Need STC or Part 337 to install</td>
</tr>
<tr>
<td>ETX900-24</td>
<td>$899</td>
<td>26.4</td>
<td>15.6</td>
<td>840/400</td>
<td>8.9 lb (4.0 Kg)</td>
<td>U</td>
<td>300hp turbine engines and 550ci piston engines, 80 amp alternator or less</td>
</tr>
<tr>
<td>ETX1200</td>
<td>$725</td>
<td>13.2</td>
<td>24.8</td>
<td>1200/600</td>
<td>6.9 lb (3.1Kg)</td>
<td>E</td>
<td>550ci engine size or larger; 120 amp alternator or less</td>
</tr>
<tr>
<td>ETX1600</td>
<td>$899</td>
<td>13.2</td>
<td>32.0</td>
<td>1600/760</td>
<td>8.9 lb (4.0 Kg)</td>
<td>U</td>
<td>550ci engine or larger; 150 amp alternator or less, race car or aircraft, ETX1, touring/police bikes, upgrade replacement for the lead acid YIX30 or U1 cases applications</td>
</tr>
</tbody>
</table>

ETZ Series Lithium Battery Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Volts</th>
<th>Ah (1C rate)</th>
<th>Crank Amps (PCA/CCA)</th>
<th>Weight</th>
<th>Case Size</th>
<th>Notes About ETZ Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETZ5G</td>
<td>$139</td>
<td>13.2</td>
<td>3.4</td>
<td>240/140</td>
<td>1.15 lb (0.52Kg)</td>
<td>G</td>
<td>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.</td>
</tr>
<tr>
<td>ETZ14C</td>
<td>$249</td>
<td>13.2</td>
<td>6.8</td>
<td>690/330</td>
<td>2.5 lb (1.1Kg)</td>
<td>C</td>
<td></td>
</tr>
</tbody>
</table>

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.
**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.

**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  
(970) 674-8884  
sales@earthxbatteries.com  
www.earthxbatteries.com

---

**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

---

**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!