

# BATTERIES – BATTERY CHARGERS



## EARTH X LITHIUM BATTERIES

**Note: Not FAA Approved. Intended for use in experimental aircraft only.** This battery is intended for 550ci engine size or more; 120 amp alternator/generator or less. Can be used in experimental aircraft just match up the alternator output with the correct battery. This battery is fully protected by an integrated battery management system (BMS) that protects the cell's from over discharge, over charge, short circuit, temperature, plus cell balancing to ensure charge levels are equal.

Model	Volts	1 Hr 1C Rate	Crank Amps (PCA/CCA)	Wt.	Case Size L x W x H (In.)	Part No.	Price
ETX680C	13.2	12.4	680/320	3.9 lb	5.9 x 4.5 x 3.9	11-14292	---
ETX680	13.2	12.4	680/320	4.1 lb	6.5 x 3.1 x 6.6	11-13907	---
ETX900	13.2	16	900/420	5.0 lb	6.5 x 3.1 x 6.6	11-13926	---
ETX900-24	26.4	15.6	840/400	8.9 lb	6.5 x 5.1 x 6.6	11-16601	---
EXT1200	13.2	24.8	1200/600	7.7 lb	6.6 x 3.4 x 6.9	11-13930	---
ETX900-VNT	13.2	16	840/400	5.4lb	6.5 x 3.1 x 6.6	11-16211	---

## EARTH X ETX680 26.4 VOLT LITHIUM AIRCRAFT BATTERY



**Note:** Not FAA Approved. Intended for use in experimental aircraft only WITH turbine engines up to 900hp or piston engines up to 550ci. Designed for piston engines up to 550ci, max alternator output of 70 amps. If used for ONE turbine engine, you must have 2 batteries connected in parallel.

P/N 11-18681

## EARTH X ETX680 24V LITHIUM AIRCRAFT BATTERY - FOR CERTIFIED AIRCRAFT



**Note:** The FAA approved 24V ETX680-24-TSO designed for certified aircraft! We do not have any STC's yet so you will have to attain your own field approval to install it. This battery can be used

in an aircraft that has an alternator/generator with 70 amps output or less. This battery has electronic protections (BMS) and built in thermal runaway containment and venting ability built in. The ETX680-24-TSO meets all of the DO-311a and DO-160 requirements for a lithium battery in aircraft.....P/N 11-18796

## EARTH X ALUMINUM BATTERY BOXES



### EARTH X FOR ETX680 / ETX900 / ETX1200

Aluminum battery box designed specifically for the ETX680, ETX900 series of EarthX batteries. This battery box was engineered to be strong enough to withstand 30 G of force yet only weighs 7 ounces or 198 grams and will fit the ETX680 and ETX900 like a glove. This unique design allows for simple, easy installation with the dimensions: 6.5" L x 3.1" W x 6.6" H .....P/N 11-14074



### MULTI-USE ALUMINUM BATTERY BOX

For ETX680/900/900-VNT/1200 or the Odyssey PC680. **Dimensions:** 7.1" L x 3.1" W x 6.5-6.6" (adjustable)H or (180mm x 80mm 166-168mm) P/N 11-14136



### EARTH X COMPACT BATTERY BOX

This is a custom designed aluminum battery box designed specifically for the EarthX lithium battery ETX680C or any of the "C" cased batteries (ETX24C, ETX36C). This battery box was engineered to be strong enough to withstand 30 G of force yet only weighs .15Kg or 5.3oz and will fit your battery like a glove. This case fits all "C" battery models. P/N 11-17403



### EARTH X THERMAL BATTERY BOX

The EarthX thermal battery box is designed to protect the battery in engine compartment installations from periods of high temperature (up to 1 hour), such as after shutdown, and from radiant heat from hot surfaces like exhaust systems during and after flight. This stainless-steel box has a mirror finish to minimize the effect of radiant heat, and it has a

high-performance insulating foam layer between the box and battery to reduce effect of convection heat. The hold-down tab comes with a mounting fixture that can hold a cooling air duct up to 1" in diameter. This battery box was engineered to be strong enough to withstand 30 G of force yet only weighs 1 pound. It has the same mounting holes as the custom battery box or the multi-use battery box. This battery box is designed to be compatible with our existing "E" case battery models; ETX680/900/1200.....P/N 09-05653



## EARTH X ETX-900 TSO 14V AIRCRAFT LITHIUM BATTERY

**FAA Required Statement:** The conditions and test required for TSO approval of this article are minimum performance standards. Those installing this article either on or within a specific type or class of aircraft must determine that the article installation conditions are within the TSO standards. The article may be installed only according to 14 CFR part 43 or the applicable airworthiness requirements." EarthX is excited to update and upgrade one of the oldest technologies still used in general aviation with the FAA TSO approved ETX900-TSO model lithium battery! This lithium iron phosphate battery will provide you a massive weight savings, increased life span, and more cranking power. The FAA approved 12V ETX900-TSO designed for certified aircraft. An STC or DER assisted Part 337 (field approval) is required for installation.....P/N 11-18242

## QUIET POWER CHARGERS



The QUIET POWER® QP™-100 Series Dual USB Charging Port is designed specifically for aircraft cockpit and cabin installation and is compatible with both standard and high-power USB. Simultaneously charges two USB powered devices, including cell phones, tablets, radios, ADS-B receivers and GPS devices. An Auxiliary Charging Port is available in the QP101-QP104 series products, producing 5, 9, 11 or 12 Volts DC. USB port is dual 5 VDC. Input Voltage Range 10–36 VDC on QP-100, 101 & 102. It is 13.2-36 VDC on Q 103 & 104.

Part No.	Description	Price
11-13834	Non Lit No Aux Qp-100	---
11-13835	Lit No Aux Qp-100I	---
11-13836	Non Lit 5 Volts Qp-101	---
11-13837	Lit 5 Volts Qp-101I	---
11-13838	Non Lit 9 Volts Qp-102	---
11-13839	Lit 9 Volts Qp-102I	---
11-13840	Non Lit 11 Volts Qp-103	---
11-13841	Lit 11 Volts Qp-103I	---
11-13842	Non Lit 12 Volts Qp-104	---
11-13843	Lit 12 Volts Qp-104I	---

## QUIET POWER CHARGING CABLE KITS



Auxiliary Charging Port for the Quiet Power Chargers. Auxiliary Charging Port Kit comes complete with a device specific charging cord and a barrel power jack (2.5mm ID x 5.5mm OD). The barrel power jack is designed to be panel mounted, allowing for quick disconnect of the charging cord.

Model	Plug	Plug Size	Cable	Part No.	Price
QPC-001	Barrel	2.5mm ID x 5.5mm OD	4	11-13844	---
QPC-002	Barrel	2.1mm ID x 5.5mm OD	4	11-14451	---
QPC-003	Barrel	1.3mm ID x 3.5mm OD	4	11-14452	---
QPC-004	Barrel	1.7mm ID x 4.0mm OD	4	11-14453	---
QPC-005	Barrel	1.7mm ID x 4.75mm OD	4	11-14454	---
QPC-006	Barrel	0.9mm ID x 3.2mm OD	4	11-14455	---
QPC-007	Barrel	3.3mm ID x 5.5mm OD	4	11-14456	---

## EARTH X LED FAULT LIGHT INDICATORS



Easily see if you have a battery fault with this 5mm Red LED light for your EarthX experimental aircraft. The LED has a built in resistor for easy installation and compatibility with a 10-15V electrical system. Details installation directions are located in the

EarthX manual but it is very simple. To install, connect red wire to a positive bus connection, connect the black wire to fault monitoring wire (also black) that is located on the EarthX battery.

10-15V .....P/N 11-17281  
26.2-29.2V .....P/N 11-17286

## EARTH X EMERGENCY JUMP PACK CHARGER



48" Long Quick Connect Charging/Jump Start Cables. You can permanently install this quick connect cable to your battery (lead acid or lithium) that can be used for quick, easy access for charging or be used with a portable jump starter (not included) to jump start your battery in seconds!

P/N 11-15073

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