



CANADIAN ELECTRIC BICYCLE ASSOCIATION

[www.cebassociation.com](http://www.cebassociation.com)

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## **IMPORTANT USAGE, STORAGE AND SAFETY INFORMATION FOR LITHIUM BATTERIES**

Using certified UL batteries will minimize an occurrence of a battery failure. Below are guidelines and best practices to follow to minimize and avoid a battery failure.

**\*NEVER CHARGE YOUR LITHIUM BATTERY UNATTENDED OR UNATTENDED OVERNIGHT\***

Never open a battery pack you could short it out and cause a fire and it's extremely dangerous as well as void your warranty. E-bike batteries internal components are non-serviceable.

Charging the battery pack on the bike is the best option (in case of malfunction the ebike can be rolled outside) If you must remove the battery pack, place it on a concrete floor and away from flammable materials before charging.

**WHEN CHARGING PLUG THE BATTERY IN FIRST THEN TO THE WALL OUTLET. Remove the charger once the charge is complete BY REMOVING FROM THE WALL FIRST THEN THE BATTERY.**

Only charge the battery in an area with a working smoke detector. If you notice an odor, smoke or odd noise coming from the charger or battery roll the ebike outside if it is safe to do so and call 911

NEVER use a charger that is not from the manufacturer of that battery. Just because it looks the same does not mean it will function the same and could cause a fire. ONLY use chargers from the manufacturer of your battery.

Do not charge your battery in very hot or very cold weather. It should be room temperature before charging 20°C or 68°F

Do not store your e-bike battery in temperatures above 30°C or indirect sunlight where the battery can overheat and keep from freezing. Excessive heat or freezing can damage the internal components and battery cells and could cause a fire or damage if recharged.

For long-term storage your battery should be in a clean and dry environment away from flammable materials and should not be fully charged to 100%. A few bars on your battery meter display should be missing as an indicator. It should be stored at 50% to 60% charge.

You should check on your lithium battery once per month in storage as the battery will slowly discharge over time. To ensure it stays within this 50% to 60% range, top up the charge for 30 to 60 minutes and monitor charging and remove the charger at 50% to 60% charge. but NEVER store your battery at

100% charge as it is storing more energy and storage at 100% will affect battery life and longevity..

If the lithium battery or charger is damaged or immersed in water discontinue use as internal components may have been damaged and could cause a fire or electrocution. Never use any electronics immersed in water

When disposing of a lithium battery please follow your local regulations or return to your dealer for recycling.