



LIMITED WARRANTY
Currie Technologies® NewLiFe™
Phosphate LITHIUM ION BATTERY PACKS

Currie Acquisitions LLC D/B/A Currie Technologies® (“Currie”) warrants to the **original owner** of each new **Currie Technologies® NewLiFe™ Phosphate lithium ion battery pack**, when purchased directly from an authorized Currie reseller, to be complete and that the following components will be free from defects in material and workmanship for the period indicated below.

WARRANTY DOES NOT COVER NORMAL WEAR AND TEAR, DAMAGE CAUSED AS A RESULT OF NOT FOLLOWING THE SAFETY AND USAGE GUIDELINES, SHIPPING DAMAGE, ALTERATIONS, MODIFICATIONS, MISUSE, NEGLIGENCE OR ABUSE.

Warranty

- ❖ Currie Technologies® NewLiFe™ Phosphate Lithium-Ion batteries are warranted to be free from defects in material or workmanship for a period of three (3) years from date of purchase. The battery warranty does not include damage from power surges, use of improper charger, improper maintenance or other such misuse, or normal wear.
- ❖ The Charger included with the Currie Technologies® NewLiFe™ Phosphate Lithium-Ion battery pack is warranted to be free from defects in material or workmanship for a period of thirty (30) days from date of purchase. The charger warranty does not include damage from power surges, improper use or other such misuse, or normal wear.

Warranty is void in the event proper care instructions as per the safety and usage manual and instructions are not followed. Return to Currie for warranty inspection will be required. Freight will be paid by sender.

LABOR COST OR REPAIRS

Unless otherwise provided, the sole remedy under the above warranty, or any implied warranty, is limited to the replacement of defective components and parts with those of equal or greater value at the sole discretion of Currie and Currie will not be responsible for labor costs or repairs.

IN NO EVENT SHALL CURRIE BE RESPONSIBLE FOR DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR PERSONAL INJURY, PROPERTY DAMAGE, OR ECONOMIC LOSSES, WHETHER BASED ON CONTRACT, WARRANTY, NEGLIGENCE, PRODUCT LIABILITY, OR ANY OTHER THEORY. Some states do not allow the exclusion or limitation of damages, so the above limitation or exclusion may not apply to you.

EXCLUSIONS

THE ABOVE WARRANTY, OR ANY IMPLIED WARRANTY, DOES NOT COVER NORMAL WEAR AND TEAR, SHIPPING DAMAGE, ALTERATIONS, MODIFICATIONS, MISUSE, NEGLIGENCE OR ABUSE. ALL WARRANTIES ARE VOID IF THE ELECTRIC BICYCLE OR SCOOTER IS USED FOR OTHER THAN NORMAL ACTIVITIES, INCLUDING, BUT NOT LIMITED TO, FAILING TO FOLLOW THE OWNER’S MANUAL OR USING THE ELECTRIC BICYCLE OR SCOOTER FOR RENTAL OR COMMERCIAL ACTIVITIES, STUNT RIDING OR IN COMPETITIVE EVENTS OR TRAINING FOR SUCH ACTIVITIES OR EVENTS. ALL WARRANTIES ARE VOID IF PRODUCTS ARE SOLD BY A NON-AUTHORIZED RESELLER. CURRIE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THAT OF THE EXPRESS WARRANTIES STATED ABOVE.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

WHAT YOU SHOULD DO

The original owner should bring the product, along with a purchase receipt or other proof of purchase, to an Authorized Currie electric bicycle dealer, or contact the Customer Service Department directly (proof of purchase from original owner will be required) by calling **1-800-377-4532**. Those parts and/or products which are determined by Currie in its sole discretion to be defective will be provided only after a valid warranty claim is processed by Currie Customer Service. Warranty claims must be made within the warranty period stated above.

Shipping & Handling fees will apply to all claims made under this warranty and will be charged to the claimant at the time products are shipped from Currie’s distribution center.



Safety and Usage Manual

Currie Technologies® NewLiFe™ Phosphate (LiFePO₄)
Lithium-ion Battery Pack powered by K2 Energy®, a US
battery company.

1. INTRODUCTION

This document describes the measures necessary for the safe use, handling and storage of your NewLiFe™ Phosphate battery pack made with K2 Energy's proprietary lithium-ion iron phosphate technology. Following these guidelines will provide years of battery power for your Currie RMB E-Bike. Failure to follow these guidelines will shorten the life of the battery, void the limited warranty, and may cause an explosion or fire which could cause property damage or serious injury.

2. GENERIC PRODUCT SAFETY FEATURES

Your NewLiFe™ Phosphate lithium-ion battery pack is a high-energy electrochemical system. For this reason, several safety features are designed into the battery pack and some of these are described below:

- Battery Pack Protection Circuitry
 - Over-charge protection
 - Over-discharge protection
 - Short-circuit protection

The K2 energy cells in this pack have been comprehensively tested using UNDOT approved methods and meet all statutory requirements for transportation.

Your NewLiFe™ Phosphate battery is shipped at a 30% SOC (State-Of-Charge) and will need to be fully charged before its first use.

If the instructions and recommendations contained in this document are followed carefully, then hazardous incidents should be prevented. Nevertheless, the high energy density and power density of this battery requires that it be treated with care and respect despite its inherent safety characteristics.

This document describes the precautions necessary in using, handling, and disposing of this battery system to help ensure that no hazard is encountered.

3. SAFETY PRECAUTIONS

The following general safety precautions must be observed at all times when handling and storing NewLiFe™ Phosphate lithium-ion battery packs. Failure to do so could result in cells becoming hot, exploding or igniting, and causing serious injury or damage.

HANDLING AND STORAGE

The following precautions should be observed at all times and failure to do so will void your warranty:

- Do store your NewLiFe™ Phosphate lithium battery pack in a cool, dry and secure environment ensuring that the formation of condensation is prevented.
- Do store the battery pack fully charged.
- Do not store near a source of heat.
- Do not expose to heat above 130°F (54°C). For example, do not store the battery in your car, a hot garage, or in any other place where there is excessive heat; do not put it into a fire; do not place it in an oven, stove, microwave oven or any other heating appliance.
- Do not drop or throw the battery pack, or subject it to excessive impact or shock.
- Do not pierce, strike, or crush the battery pack, or attempt to damage or deform it in any way.
- Do not allow the pack to come into contact with water, aqueous solutions or any other liquids.
- Do not attempt to disassemble or modify the battery pack in any way, as the designed safety features could be compromised.
- Do not allow the pack to self-discharge to an open-circuit voltage of less than 20.0V (volts). K2 Energy recommends the pack is given a maintenance charge when open-circuit voltages fall below 24.0V (volts).

MAINTENANCE CHARGE

Although substantially less than other rechargeable battery chemistries, this battery pack does have a naturally occurring self-discharge. Due to that natural self-discharge, the battery pack's open-circuit voltages will slowly decrease over time. After extended periods of time (maximum of 6 months) it will be necessary to perform a maintenance charge to ensure that the pack's voltage does not fall below the recommended minimum voltage of 20.0V.

Use only the Currie Technologies recommended charger that came with your pack. The method used to charge the batteries can be either Constant Current (CC) or Constant Current/Constant Voltage (CC/CV). Regardless of the charge method used, the charger should be compatible a Lithium Iron Phosphate (LiFePO₄) Battery charger rated to cut off or limit the voltage output at a recommended 29.2V or less. The CC/CV charge is recommended for obtaining a full capacity charge as it provides the CV float that tops off the battery after the CC charge.

DISPOSAL

Please consider the environment and recycle. Search locally for places that can recycle this battery pack or contact Currie Technologies® for recycling alternatives. If not recycled, dispose of this battery pack in accordance with local regulations and laws that mandate proper disposal of lithium ion battery packs or cells.