



# XLT Battery Charger & Batteries

## User Manual

XLT 18V Li-Ion Battery Charger  
XLT 18V Batteries



L2 Trucking Products, Inc.  
<https://www.xpresslifttool.com>



**WARNING** To reduce the risk of injury, operator must read and understand this user manual.

**ADVERTENCIA** Para reducir el riesgo de lesiones, el operador debe leer y comprender este manual del usuario.

**AVERTISSEMENT** Pour réduire le risque de blessure, l'opérateur doit lire et comprendre ce manuel d'utilisation.

**WARNUNG** Um das Verletzungsrisiko zu reduzieren, muss der Bediener diese Bedienungsanleitung lesen und verstehen.



Shown above are the labels on the 18V lithium-ion batteries made specifically for XLT specialty drill. They should only be charged by the XLT battery charger.

The labels indicate the care needed for the batteries and QR code to manual.

# IMPORTANT SAFETY INSTRUCTIONS



**Read and understand all instructions.** *Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.*



## SAVE THESE INSTRUCTIONS.

1. **SAVE THESE INSTRUCTIONS.** This manual contains important safety and operating instructions for the XLT LI-ION battery and battery charger.
2. Before using the battery pack and charger, read this manual, the drill user manual and all labels on the battery pack, charger and drill.
3. **ONLY CHARGE XLT 18V BATTERIES IN THE XLT 18V LI-ION BATTERY CHARGER.** Other types of batteries may burst causing personal injury and damage. Do not wire a battery pack to a power supply plug or car cigarette lighter. Batteries will be permanently disabled or damaged.
4. Use XLT 18V LI-ION BATTERY PACKS ONLY ON THE XLT HIGH-POWERED DRILL. Battery pack and charger are not compatible with NiCad systems. Use with other devices may result in a risk of fire, electric shock or personal injury.
5. **AVOID DANGEROUS ENVIRONMENTS.** Do not charge battery pack in rain, snow, damp or wet conditions. Do not use battery pack or charger around easily ignitable areas (gaseous fumes, dust or flammable materials). Sparks may be generated and may cause fire or an explosion.

6. ONLY CHARGE IN WELL VENTILATED AREA. Do not block the charger vents. Keep them clear to allow for proper ventilation. Do not allow smoking or open flames near a charging battery pack. Vented gases may explode.
7. MAINTAIN CHARGER CORD. When unplugging charger, pull plug rather than cord to reduce the risk of damage to the electrical plug and cord. Never carry charger by its cord. Keep cord away from heat, oil and sharp edges. Make sure cord will not be stepped on, tripped over or subjected to damage or stress. Do not use charger with damaged cord or plug. Have a damaged cord replaced immediately with identical replacement parts.
8. DO NOT USE AN EXTENSION CORD UNLESS IT IS ABSOLUTELY NECESSARY. Using the wrong, damaged or improperly wired extension cord could result in the risk of fire and electrical shock. If an extension cord must be used, plug the charger into a properly wired 16 gauge or heavier extension cord with pins that are the same number, size and shape as the pins on the charger. Make sure that the extension cord is in good electrical condition.
9. THIS CHARGER IS A 120V AC CHARGER. Use the charger only with the appropriate receptacle and a GFCI receptacle if near water.
10. UNPLUG CHARGER when not in use. Remove battery pack from unplugged chargers.
11. TO REDUCE THE RISK OF ELECTRIC SHOCK, always unplug charger before cleaning. Do not allow water to flow into either the AC or DC plug. Use a Ground Fault Circuit Interrupter (GFCI) to reduce shock hazards.
12. DO NOT BURN OR INCINERATE BATTERIES. Batteries may explode, causing personal injury or damage. Toxic fumes and materials are created when batteries are burned. Always recycle any used batteries – be nice to your environment – we only have one.
13. DO NOT CRUSH, DROP, OR DAMAGE batteries. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over, or damaged in any way or that the battery charger indicates may be defective.
14. DO NOT DISASSEMBLE. Incorrect reassembly may result in the risk of electric shock, fire or exposure to battery chemicals. If it is damaged, take it to a maintenance service facility as designated by L2 Trucking Products.
15. BATTERY CHEMICALS CAUSE SERIOUS BURNS. Never allow contact with skin, eyes, or mouth. If a damaged battery pack leaks any chemicals, use rubber or neoprene gloves to dispose of it. If skin is exposed to battery fluids, wash with soap and water and rinse with vinegar. If eyes are exposed to battery chemicals, immediately flush with water for 20 minutes and seek medical attention. Remove and dispose of contaminated clothing.
16. DO NOT SHORT CIRCUIT. A battery pack will short circuit if a metal object makes a connection between the positive and negative contacts on the battery pack. Do not place a battery pack near anything that may cause a short circuit, such as coins, keys or nails in your pocket. A battery pack that has been short circuited may cause fire and personal injury.
17. STORE YOUR BATTERY PACK AND CHARGER in a cool, dry place. Do not store a battery pack where temperatures may exceed 120°F (50°C) such as in direct sunlight, a vehicle or metal building during the summer.

# **XLT Lithium-Ion Battery Packs**

## **Battery Pack – Fully Charge Before Using**

New batteries must be charged before first use. A complete charge will typically take 2-4 hours. This will elongate the life of the battery as well and allow for the drill to receive the proper wattage needed.

## **Battery Pack Operational Characteristics**

Compared to NiCad battery pack types, XLT Lithium-Ion battery packs deliver fade-free power for their entire run time. The drill will not experience a slow, gradual loss of power as you work. This allows for your drill to work as hard as it can during the full length of the battery charge.

## **Battery Pack Protection**

To protect itself from damage and extend its life, the battery pack's intelligent circuit monitors current draw and temperature. In extremely high torque, binding, stalling, and short circuit situations, the battery pack will turn OFF the drill if the current draw becomes too high. To reset the drill, unplug the battery pack and slide it in and out of the drill. Under extreme circumstances, the internal temperature of the battery could become too high. If this happens, the drill will not operate. Allow the battery to cool down or use a spare battery pack if available.

## **Cold Weather Operation**

XLT Lithium-Ion battery packs are designed to operate in temperatures below freezing. When the battery pack is too cold, it may need to warm up before normal use. Warm the battery pack up to allow for the battery to perform as needed to operate the drill.

## **Maintenance and Storage**

Do not expose your battery pack to water or allow it to get wet. This could damage the drill and/or battery pack. Do not use oil or solvents to clean or lubricate your battery pack. The plastic casing will become brittle and crack, increasing risk of injury. Store battery packs at room temperature away from moisture. Do not store in damp locations where corrosion of terminals may occur. As with other battery pack types, permanent capacity loss can result if the pack is stored for long periods of time at high temperatures (over 120° F).

## **Disposal of XLT Li-Ion Battery Packs**

Lithium-Ion battery packs are more environmentally friendly than some other types of battery packs. Always dispose of your battery pack according to federal, state and local regulations. Contact a recycling agency in your area for recycling locations. Even discharged battery packs contain some energy. Before disposing, use electrical tape to cover the terminals to prevent the battery pack from shorting, which could cause a fire or explosion.

## **SPECIFICATIONS XLT-BCHI4A Battery**

**DC Voltage:18V 4AH**

## **SPECIFICATIONS XLT-BSAM5A Battery**

**DC Voltage:18V 5AH**

# XLT Lithium-Ion Battery Charger

## When to Charge the Battery Packs

Remove the battery pack from the drill for charging when convenient for you and your job. XLT Li-Ion batteries do not develop a "memory" when charged after a partial discharge. It is not necessary to run down the battery pack before placing it on the charger.

The only time it is necessary to charge the XLT Li-Ion battery pack is when the battery pack has reached the end of its charge. To signal the end of charge, power to the drill will drop quickly. Charge the battery pack as needed.

## Charging the Battery Pack

When the battery charger is plugged and receiving electricity the green light will light up indicating it is now available for charging purposes. Align the battery pack with the bay and slide the battery pack into the charger as far as possible. A click will be heard which locks the battery pack onto the charger. The red light should flash once per second indicating the battery pack is now being charged.

If the red light is flashing quickly (3X per second) that indicates an error. Most likely the battery pack is too hot or too cold. If that occurs allow the battery pack to cool or warm up and insert onto the charger again. If the problem persists after two attempts contact the repair center for it may be defective.

A fully discharged battery pack with an internal temperature in the normal range will charge in 45 to 75 minutes, depending on the battery pack. Heavily cycled batteries may take longer to charge completely.

After charging is complete, the red light will turn solid. The charger will keep the battery pack fully charged if it is left on the charger but that is not recommended due to safety reasons.

## Maintenance and Storage

Store your charger in a cool, dry place. As a general practice, it is best to unplug battery chargers and remove batteries when not in use. No battery pack damage will occur, however, if the charger and battery pack are left plugged in. Never attempt repairs of the charger, the charger has no user serviceable parts.

## Cleaning

Clean out dust and debris from charger vents and electrical contacts by blowing with compressed air. Use only mild soap and a damp cloth to clean the battery pack and charger, keeping away from all electrical contacts. Certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around batteries, charger, or tools.

## SPECIFICATIONS XLT-CUS01 BATTERY CHARGER

AC INPUT: 110/120V 75W 50/60HZ

DC OUTPUT: 18V 2.5A



**Intertek**  
3061583

Conforms to UL Std. 1310

Cert to CAN/CSA Std C22.2  
No. 223-M91

## LIMITED WARRANTY – USA, MEXICO AND CANADA

Every **XLT 18V Battery Pack** is warranted to the original purchaser only to be free from defects in material and workmanship for one year from purchase. Subject to certain exceptions, L2 Trucking Products will repair or replace a battery pack which, after examination, is determined by L2 to be defective in material or workmanship. Return of the battery pack to a L2 Trucking Products factory service center location freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that L2 Trucking Products determines to be from repairs made or attempted by anyone other than L2 Trucking Products authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

Every **XLT 18V Battery Charger** is warranted to the original purchaser only to be free from defects in material and workmanship for one year from date of purchase. Subject to certain exceptions, L2 Trucking Products will repair or replace a battery charger which, after examination, is determined by L2 to be defective in material or workmanship. Return of the battery charger to a L2 Trucking Products factory service center location freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that L2 Trucking Products determines to be from repairs made or attempted by anyone other than L2 Trucking Products authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

### Warranty Exceptions

This warranty is not valid in the following situations:

- a) When the product is used in a different manner from the end-user guide or instruction manual.
- b) When the conditions of use are not normal.
- c) When the product was modified or repaired by people not authorized by L2 Trucking Products.

## Corporate Information

X-Press Lift Tool is a product line within the X-Press Truck Tools division of L2 Trucking Products. L2 Trucking Products was built around creating products that allow trucking fleets to work more efficiently and safely. All products are built around longevity and built to be safe when operated as identified in the current user or operator instruction manuals.

All materials herewith are the sole property of:

L2 Trucking Products  
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Any warranty or user manual questions please contact via email at:  
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