

LITHIUM ION (LAWN TRACTOR, ZERO TURN, MINI-RIDER)

Model Number Affected: XT1-LT42e, ZT1-42e, CC30e
Serial Number Affected: All Production Serial Number Range
Date: May 15, 2025
Subject: Charging Lithium Ion Ride on Batteries

INFORMATIONAL ONLY

NOTE: These materials are prepared for use by trained technicians who are experienced in the service and repair of equipment of the kind described in this publication, and are not intended for use by untrained or inexperienced individuals. Such individuals should seek the assistance of an authorized service technician or dealer.

NOTE: Always wear eye protection while servicing equipment. Wear hearing protection when appropriate. Always work in a well ventilated area and follow all safety precautions when dealing with combustible materials.

NOTE: Left (LH) and Right (RH) sides are determined from the operator's position and facing in the forward direction.

Purpose:

Lithium Ion Batteries, whether being used or in storage, require charging for peak performance. The equipment in storage or which has not been set up or gone through the PDI process will need to be charged per the instructions in the Owner's Manual. Cub Cadet has created this Advisory to remind Dealers that charging of Lithium Ion Batteries is necessary during storage at Dealerships.

Action Required:

The following chart is provided in the operators manual and we will expand on it with Tech Tips. Give these key Battery Charging Tips to your staff for best practice of Li-Ion Battery maintenance on Cub Cadet Outdoor Power Equipment.

Battery Charging Tips			Tech Tips
1	Battery should be fully charged after each use	Batteries stored discharged could reduce performance	Fully charge battery upon receiving a unit
2	It will take approximately 4 hours to fully charge the battery	Leaving the battery connected to the charger for more than 4 hours will not damage the battery	Chargers turn off when batteries are fully charged
3	Battery will turn off automatically after a complete charge	Batteries should be charged once every month during off-season storage	Charger does not turn back on if left connected
4	Always disconnect battery charger from the outlet first	Disconnect the charging cord from the charging port secondly	Monthly charges during off-season storage will take very little time to fully charge
5	Never charge a frozen battery	Charge Batteries in temperatures between 32° and 104°F (0° and 40°C)	Batteries will not charge if they are too cold
6	Battery is to be fully charged before initial use	The battery does not develop a memory and does not need to be fully discharged before recharging	Knowledge Article 16005 for all Li-Ion related Advisories and Briefs