



TRACKER LITHIUM FAQ

SIZING/SELECTION

- Q: What model Tracker Lithium battery do I need?**
You can use TLi60, TLi80 or TLi100 batteries. To get the same runtime as a lead-acid battery, choose the model that is approximately 60% of the lead-acid capacity.
- Q: How many Tracker Lithium batteries do I need?**
Tracker Lithium 12V batteries install the same way as flooded or AGM lead batteries. One battery for 12V, two batteries for 24V and three batteries for 36V; Connected in a series connection.
- Q: Do I need to use the Lithium Starting battery if I purchase Tracker Lithium trolling motor batteries?**
No, for best run time with your electronics, we recommend to use the TLi100-HP, but it is not required.
- Q: Will the Starting Lithium battery work in my boat?**
The motor must have an alternator based charging system. Stater based systems usually will not work.
- Q: Can I use different types on batteries in my boat?**
Yes, you can use Tracker Lithium batteries for deep-cycle applications and a Lead-Acid or AGM the starting battery. Or vice versa.
- Q: Are my Tracker Lithium batteries drop-in replacement?**
Yes, Tracker Lithium batteries are Group 24, 27 or 31, depending on the model you choose.

INSTALLATION

- Q: Can I mount my Tracker Lithium batteries on their side?**
Although they will operate on their side, we recommend installing them upright in marine applications.
- Q: What size cables do I need to connect my Tracker Lithium batteries?**
We recommend using 4 or 6 AWG cables.

CHARGING

- Q: What charger do you recommend?**
Please consult your local Tracker Lithium dealer for approved chargers.
- Q: Can I use any charge profile to charge my batteries?**
No, ideally you should use a lithium iron phosphate charge profile, however AGM will usually work, but the charge indicator light could read incorrectly and an AGM setting will not bring a battery out of protection mode- "Wake" the battery.
- Q: Can I charge my batteries in series with a single set of charge leads?**
It is recommended to use a multi-bank charger to ensure each battery gets fully charged.
- Q: How long will it take my batteries to charge?**
The time it will take to charge your batteries depends on the amount they are discharged and the output current of the charger. Charge times typically range from 1 to 8 hours but could take longer if the charge current is low.

Q: Do I need to charge my Tracker Lithium batteries after each use?

It is recommended to charge your batteries after each use to ensure you have full capacity the next time you use your batteries. Batteries should be kept above 20% charged after usage.

Q: How long can I leave my charger connected to my batteries?

Please refer to the chargers instruction manual.

OPERATION

Q: What kind of runtime can I expect?

The runtime will vary depending on the trolling motor power, operating conditions and other variables.

Q: Do my batteries have peak limitations?

Yes, please refer to the data sheet for your battery model.

Q: How much can I discharge my Tracker Lithium starting/dual purpose battery before it can't start my engine?

If you discharge below 70% DOD (30% SOC), you may experience issues starting your motor. This depends on the size of the motor.

Q: Can I mix batteries in my boat?

It is not recommended to mix varying amp-hour or chemistry batteries for the same application. Keeping trolling motor batteries the same size and type is recommended. Installing a different chemistry battery between starting and deep-cycle is fine.

Q: How long will my batteries last?

With proper care, you can see 5,000 cycles or more. The average Lead-Acid marine battery carries an average of 300 cycles.

Q: Will my existing battery gauge work on my Tracker Lithium battery?

Not if it's a lead-acid battery gauge.

Q: Are my Tracker Lithium batteries water resistant?

They are IP66, which means they can handle high pressure water jets from any direction but should not be submerged. Although marine is a moist environment, you should always try to limit direct contact with water as much as possible. If the environment is excessively wet, you should consider putting your batteries in a sealed box.

Q: How to wake batteries under low voltage

The approved chargers will wake Tracker Lithium batteries. If an approved charger is not available, then follow the listed steps: 1- Attached another battery to the "sleeping" lithium battery in parallel; positive to positive, negative to negative. Attached a charger to the 2nd battery and charge for 15-30 minutes. Disconnect the charger and the 2nd battery. The lithium battery should read normal voltage at the terminals at this point. Then use your onboard charger to finish the charge cycle. 2-Use a non-smart/ manual charger at 5-10 amps or for 15-30 minutes. Then use your onboard charger to finish the charge cycle.

STORAGE

Q: How do I store my Tracker Lithium batteries?

Refer to the data sheet for your specific battery model.

Q: Why is the storage temperature range narrower than operating temperature ranges?

The storage temperature range is narrower to prevent damage and minimize self-discharge over long periods of time.