

Lithium Batteries + BrainOS Guide

Overview:

- You should expect similar scrubber runtimes with Lithium Ion Batteries (approximately 3 - 3.5 hours).
- The battery display indicator on the User Interface will be relatively inaccurate (see chart below)

Battery Indicator	Estimated Run Time Remaining (may vary substantially)
100%	30 minutes – 3.5 Hours
60%	5 – 30 minutes
0%	0 – 5 minutes

Usage instructions:

- Battery will shut itself off when drained too far. You must turn it back on to charge it.
- Lithium batteries can be turned on and off by pressing the I/O RESET button.
- After Low battery alert, there will be enough battery to drive the scrubber for about 10-15 minutes. After that, the scrubber will go into “crawl” mode and drive very slowly for another 10-15 minute. Then, the batteries will shut down.
- If the batteries shut down while driving to the charger, press the RESET button to get 2 minutes of drive time, or bring the charger to the scrubber.

Charging instructions:

- Use only the new charger (the old one won't fit).
 - The new connector will be yellow to designate the difference from your existing charger cable.
- When plugging in the charger, lift the seat and make sure both batteries have the blue light on.
- How long to charge: Continue to charge as you normally do (Charge indicator Full and Solid Green).
 - Lithium Ion batteries will charge at a faster rate than traditional AGM batteries
 - On a full charge, ensure that the blue LED is illuminated on each battery prior to operation.

