

AQUATIC LIFTS

TIPS FOR OPTIMIZING BATTERY OPERATED LIFT PERFORMANCE AND LONGEVITY



A GUIDE TO CARE AND MAINTENANCE

SPECTRUM
AQUATICS
A PLAYCORE Company

7100 Spectrum Lane | Missoula MT 59808
www.spectrumproducts.com | info@spectrumproducts.com | 800.791.8056

BATTERY CHARGING & INSTALLATION

The battery is shipped out of the manufacturer's facility fully charged, but it will need to be recharged after the first several hours of use. Charging time is approximately 12 hours for the first few charges, and 4 hours after the first two full battery cycles; at which point the battery will reach maximum capacity. Each lift is supplied with a battery charger for use in dry locations.

CHARGING THE BATTERY WEEKLY

1

Plug the battery charger into a standard (110 VAC) outlet. The green LED on the charger will light up, indicating that the charger is on.



2

Place the battery in the charging cradle. If the battery is up to charged voltage, the LED on the charger will stay green. If the charger determines that the battery needs to be charged, the LED on the charger will change to red.



NOTE: If the battery light is green but your lift is inoperable, it is possible that the battery is no longer able to hold a charge. Please check the battery voltage with a voltage meter. A fully charged battery is 24+ volts. If the voltage is low, contact us to discuss repair or replacement options.

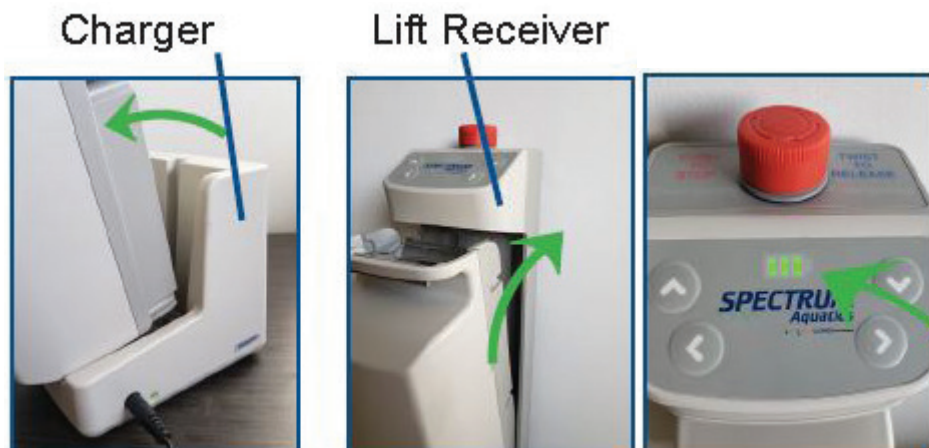
BATTERY CHARGING & INSTALLATION

3

The red LED will turn green when the battery is fully charged. This charger has internal monitoring circuitry that will not overcharge the battery. If the battery is left on the charger for extended periods of time, the charger will go into short charging cycles at intervals to maintain optimal charge level.

4

When the battery is fully charged, remove it from the battery charger and install the battery on the lift. The battery capacity indicator on the receiver will show a green LED light, indicating that the battery is fully charged and installed properly. When the LED light changes to amber, the lift is still safe to use, but the battery should be recharged as soon as possible. When the LED light changes to red, the battery needs to be recharged.



NOTE: Battery should remain on the lift during all pool operational hours to ensure ADA compliance.

IMPORTANT TIPS FOR PROLONGING BATTERY LIFE

To keep the battery from discharging to the point of causing damage, it is recommended to charge the battery weekly, even if the battery has not been installed on the lift. The battery will emit an audible beep if the level drops critically low.

Expectations of a properly maintained battery

With proper care, the battery should last approximately 90 cycles at the full load rating of the lift before it needs recharging. The battery will need to be replaced after 500 - 800 cycles, or 3-4 years if properly maintained (approximately 20,000 lifting cycles).

When transmitter battery failure occurs

Activate the controls (arrows located on the top side of the receiver), press the buttons and lift will move in the direction indicated. These buttons can be used if the transmitter battery dies or in the event of an emergency.



NOTE: Some older lift models may not have these additional control buttons. Please contact us for emergency operating instructions for these products.

RECOMMENDED POOL LIFT CARE AND MAINTENANCE SCHEDULE

TASK	WEEKLY	MONTHLY
Charge battery	X	
Rinse lift with non-chlorinated water and wipe dry	X	
Clean with Spectra Clean to passivate the stainless steel	X	
Apply dielectric grease to receiver/battery contacts	X	
Test lift for full operation	X	
Inspect all hardware to ensure that it is snug		X
Lubricate all pivot points with light 3-in-1 oil (WD-40)		X
Grease lower bearing assembly with FDA-approved grease		X