



LiFT Pack S-Series Technical Bulletin

SUBJECT: Over-discharge Precaution

This bulletin is intended to communicate precautions which must be taken when 'jumping' legacy LiFT Pack batteries back to life after being over-discharged for an extended period of time (> 1 month). If you have any concerns, please contact Flux Power technical support before attempting a jump.

Products Affected

Pre-UL Listed LiFT Packs with serial number format L***. In addition, there is no UL mark on the battery label.

Instructions

To see if the pack is still functional, first jump it according to our standard procedure. If the pack does not wake up after 10 minutes, unplug the charging cord and contact Flux Power technical support (see below). If at any point the pack begins to smoke, or give off strong smells, unplug it from the wall immediately and contact Flux Power technical support at 877-505-3589.

If the battery wakes up:

- 1) Allow it to charge for 10 more minutes while monitoring the voltage on the battery leads to make sure the pack voltage is rising steadily.
- 2) Next unplug the charger to stop charging and wait 5 minutes. If the State of Charge (SOC) gauge on the battery has a blinking red light, blinking green light, or there is beeping, a cell is damaged and you must contact Flux Power technical support.
- 3) If the SOC displays steady lights (even if it's a single red light) with no blinking, continue to charge the battery for 1 hour, then unplug the charger for 5 minutes to check for a blinking red or green SOC lights, and beeping.
- 4) If no lights are blinking and there is no beeping, allow the battery fully charge and balance until the SOC displays 100%.
- 5) Flux Power recommends putting the battery on a load bank for a single cycle to check capacity. Using a 60A discharge load, the 80Ahe LiFT Pack should last ~1 hour, the 135Ahe should last ~1.5 hours and the 250 should last ~3 hours.

Additional Information

Please remember to obtain pre-approval for any warranty work being performed.

If you have any questions, please contact a technical support representative at:

Technical Support: **877-505-3589**

Email: support@fluxpower.com

*****Repairs should only be performed by authorized technicians*****

Thank you!

Flux Power