Whether damaged, defective, recalled, or used, (DDR) we accept all lithium battery types. Defective lithium batteries have a significant thermal risk and deteriorated mechanical integrity. The battery may be swollen, bloated with cracks, leaking, have corrosion, burn marks, or simply subject to a recall. This kit equips you to package any affected battery for storage, shipping, and material reclamation.

Correctly Packaging DDR Lithium Batteries or Devices

1. Unpack Box
Remove drum from overpack box. This box will be reused when you return batteries.

2. Line Drum
Pour the CellBlock into the drum, minimally 1/2” deep.

3. Protect Batteries
Place each affected battery/device into a bag and seal. 1 battery/device per bag.

4. Pack & Fill Drum
Batteries/devices should be completely surrounded. Place the any remaining CellBlock into drum. Do not over fill. Any remaining can be used later.

5. Secure Drum Liner
Gather the liner at the top of the drum, twist and secure with the zip tie.

6. Seal Drum Lid
Use ring clamp to secure lid.

7. Place Drum in Overpack
Place sealed drum back into overpack box. Use packaging tape to close the box and apply special permit and labels on the box.

8. Seal & Ship Box
Place the return shipping label provided over the old shipping label, covering it completed. Provide box to your local UPS carrier.

Kit Limitations:
Total combined battery/device weight is limited to 4kg (18 lbs). Only one battery or device per anti-static bag. Packages containing damaged or defective lithium batteries are forbidden from air transport.
DDR 4 Kit (Damaged Lithium)
Packaging & Shipping Instructions

Important Notes

Kit Limitations:
Total combined battery/device weight is limited to 4kg (18 lbs). Only one battery or device per anti-static bag. Packages containing damaged or defective lithium batteries are forbidden from air transport.

Bag & Protect Batteries:
Batteries must be sealed in anti-static bags and insulated with appropriate packaging material, in a manner to prevent short circuits during transportation. Non-conductive tape must be used when taping exposed terminals and wires.

Marks/Labels Required:
The following marks are required for shipments of Li-ion EV batteries:
- Shipping from address
- Ship to address
- The appropriate labels from the listed, as seen below (appropriate labels are included in kit)

Included in Kit
- Overpack Box
- Metal Drum
- Metal Lid
- CellBlock
- Drum Liner
- Anti-Static Bags
- Special Permit Label
- Lithium UN Label
- Tape Strip
- Zip Tie
- Instruction Sheet

Any UN numbers not included in kit should be covered or crossed out before shipping.

- UN3480 - Lithium-ion Batteries
- UN3481 - Lithium-ion Batteries contained in equipment
- UN3090 - Lithium Metal Batteries
- UN3091 - Lithium Metal Batteries contained in equipment

*This information is interpreted directly from the Transportation code, contained in Title 49. Please refer to that code for more detailed info on the shipping of batteries according to the U.S.D.O.T.

The party shipping or transporting batteries (the “Shipper”) to Battery Solutions, LLC. (“BSL”) must properly protect and secure the batteries. Packaging and labeling must be in compliance with the U.S. Department of Transportation – Code of Federal Regulations (CFR).

Attention Battery Solutions, LLC. Customers - Notice to Comply: As the shipper of record you must fully comply with all U.S. Department of Transportation regulations.