DDR 35 Kit (Damaged Lithium)
Packaging & Shipping Instructions

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 cushioning material 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 Drum
Place bagged DDR items into drum with each completely surrounded by cushioning material on all sides.

5. Fill Drum
Place the any remaining cushioning material into the drum. Do not over fill. Any remaining can be used later.

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

7. Seal Drum
Use ring clamp to secure lid. IMPORTANT: See next page for further instructions.

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.
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800.852.8127 | batterysolutions.com
customerservice@batterysolutions.com

Step 7. Close Drum Lid

A. Place Lid on Drum
The metal lid should be placed on the drum’s rim, with the black side facing upward. To ensure proper alignment, press the along the lid edges.

B. Adjust Clamp
Orient the ring clamp so that they “UP” arrow on the leverlock is pointing up.

C. Open Clamp
Open the ring clamp completely, showing the gap in the ring below the leverlock, before placing on the drum.

D. Place & Lock Clamp
Place the fully open ring around the lip of the lid. Then close the leverlock by pulling back on it.

E. Check Clamp
Check the lid of the drum to ensure the ring is connected to all edges.

Important Notes

Kit Limitations:
Total combined battery/device weight is limited to 2kg (4.4 lbs) for multiple batteries or 5kg (11 lbs) for a single battery/device. 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
- Locking Ring Clamp
- Cushioning Material: Vermiculite
- 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.

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