

## BX-Battery Packing Instructions - Canada

**CAN/CGSB-43.150-97 “Performance Packaging for Transportation of Dangerous Goods”** Shipper must ensure compatibility with all packaging materials and follow all appropriate transport regulations. For air shipment of liquids, containers must meet pressure, secondary closure and leak-proof liner requirements (**See IATA DGR Section 5 / ICAO TI Section 4 / US 49 CFR 173.27**). Deviations from any part of this instruction may void the UN certification. Please consult 49 CFR for United States record retention requirement. If further information is required, contact ICC Compliance Center at 1-888-442-9628.

**Disclaimer: Boxes sold on their own without relevant components do not meet the UN performance packaging requirements as they were tested. All boxes must be used with kit components to meet UN markings on outside of cartons.**

### Packaging Components

Item	Description	Qty
BX-Battery	Outer box (17x11 <sup>3</sup> / <sub>8</sub> " x 12 <sup>3</sup> / <sub>4</sub> " )	1

**Other items required to complete this packaging assembly supplied separately:**

PA-MSST1	3M #305, 48mm clear tape
IN-SM1	Small Insert
IN-LG1	Large Insert
BI-BSS13	30" x 30" Pressure Bag
BI-BSS18	Anti-Static bag 18" x 24"

### Important Information:

Each assembled package must not exceed a gross weight of	30kg/66lb
The combined gross weight of inner containers must not exceed	28kg/61.7

This packaging design is suitable for shipping Batteries, Wet, Filled with Acid, UN2794, wet, filled with alkali UN2795 or wet, non-spillable UN2800. Maximum dimensions 13" x 6 <sup>3</sup>/<sub>4</sub>" x 9 <sup>1</sup>/<sub>4</sub>" (including terminals) or smaller, **not intended for shipping damaged or leaking batteries.**

### Assembly:

- 1) Fold outer box bottom flaps and seal center seam with one (1) strip of 48mm wide, 3M #305 clear tape. Extend tape beyond each edge by at least 2".
- 2) Line the inside walls of box with liner bag (Figure 2)
- 3) Place one small insert at bottom of box/bag assembly between the two large inserts. Place two small inserts at sides between both large inserts (See Figure 3).
- 4) Place the battery into the anti static bag, and into box in an upright position. Seal anti static bag with #305 tape.
- 5) All void space must be filled in the package.(Figure 4)
- 6) Firmly press the small insert over top of battery terminals. The terminals must puncture into insert.(Figure 5)
- 7) Fold liner-bag over insert/battery assembly and completely seal liner bag with #305 tape. (See Figure 6).
- 8) Fold top box flaps and seal center seam as described above in step one. (See Figure 7).
- 9) Mark and label each package in accordance with the appropriate regulations. At least one (1) set of UN markings and two (2) orientation arrows must be shown on each package.

Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 1

