

# UN Test Data      Model: ML1220

**1. Test Item:** Drop Test

**2. Test Purpose:** This test simulates the drop of the packaging during transport.

**3. Test Procedure:**

Number of Test Samples (Per design type, Manufacturer ) and Drop Orientation For other than flat drops the centre of gravity must be vertically over the point of impact. Where more than one orientation is possible for a given drops, the orientation most likely to result in failure of the packaging must be used.

Packaging	Number of test samples	Drop orientation
Fibreboard boxes	Five (one for each drop)  It may do the drop of five orientations with one sample if the packing does not have the big damage.	First drop: flat on the bottom Second drop: flat on the top Third drop: flat on the long side Fourth drop: flat on the short side Fifth drop: on a corner

**4. Test Requirements:**

A Package passes the test if it meets the following criteria:

Each package is capable of withstanding a 1.2 meter drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents so as to allow battery to battery (or cell to cell) contact and without release of contents.

**5. Type of Lithium Battery :** coin type of rechargeable lithium cell

**6. Lithium Content :** 0.009 g

**7. Transport method :** BOAT

**8. Packing Instruction :** Section II

**9. Test Date:** 2012/07/11

**10. Test Data:** PASS(Drop height 1.2m)

after examination



after examination



Inside of packing after examination



Packaging size:
186*361*200 mm
Packaging weight (before):
2.12kg
Packaging weight (after):
2.12kg

