

# Lithium Ion Batteries UNDER 100Wh shipping by AIR.

## OVERPACK

✓ **Lithium ion battery only** – ICAO/IATA Packing Instruction 965 Section II

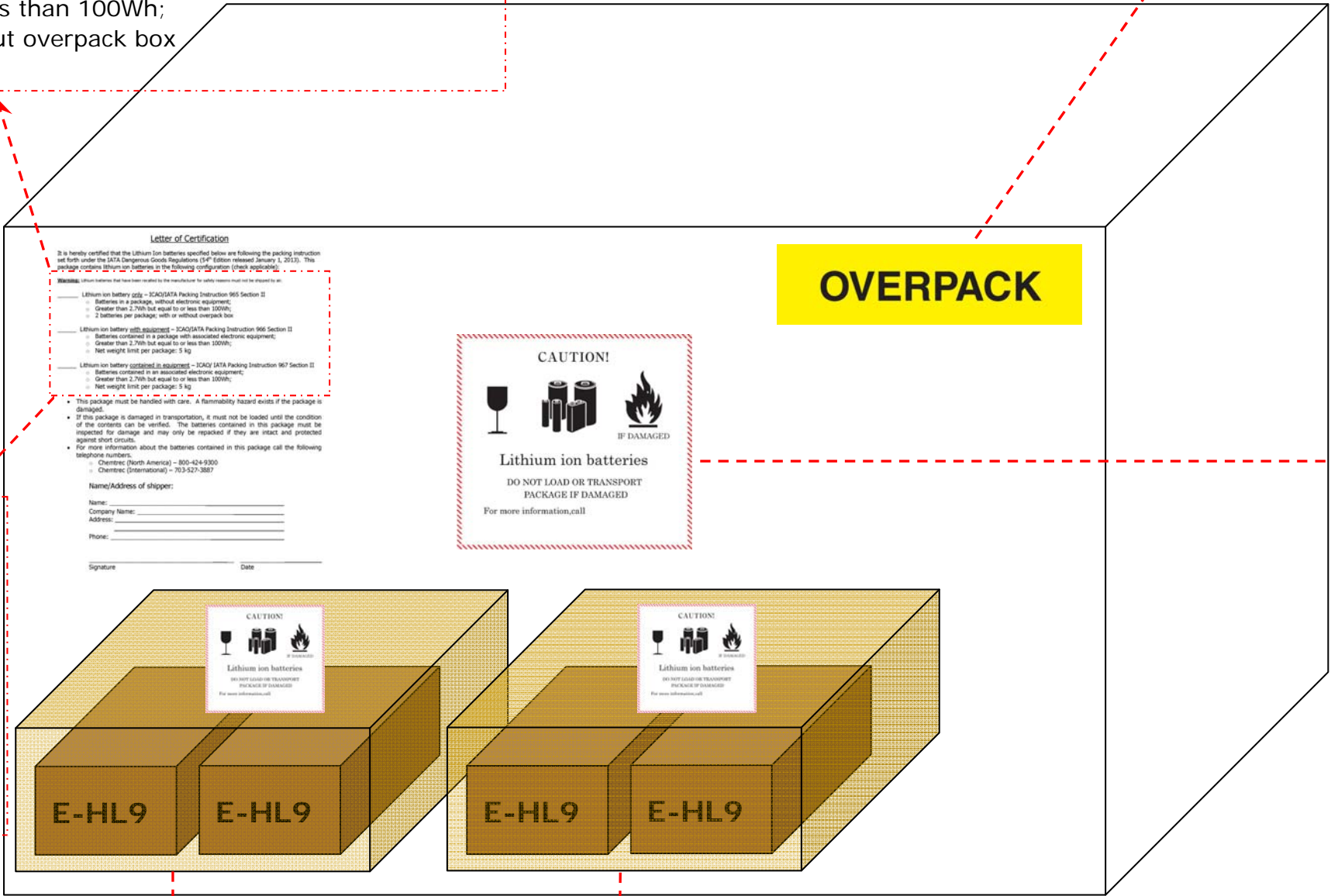
- o Batteries in a package, without electronic equipment;
- o Greater than 2.7Wh but equal to or less than 100Wh;
- o 2 batteries per package; with or without overpack box

> Shipment must be accompanied by this “[Letter of Certification](#)” when Li-ion batteries are shipped on their own with NO added equipment.

✓ **Lithium ion battery with equipment** – ICAO/IATA Packing Instruction 966 Section II

- o Batteries contained in a package with associated electronic equipment;
- o Greater than 2.7Wh but equal to or less than 100Wh;
- o Net weight limit per package: 5 kg

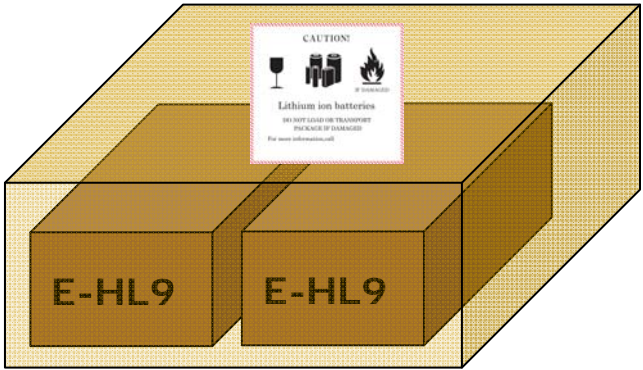
> Shipment must be accompanied by this “[Letter of Certification](#)” when Li-ion batteries are packed and shipped WITH other equipment.



- > All overpack boxes must have an overpack label applied.
- > No specified weight limit for the overpack. However, keep each box under 30Kg as the maximum handling weight.



- > All overpack boxes must contain 1 x Li-ion battery handling label.



- > Maximum of 2 x batteries per package.
- > Package must contain 1 x Li-ion battery handling label.
- > Multiple individual packages permitted in overpack box, as long as the overpack does not exceed the 30Kg handling weight.

# Lithium Ion Batteries UNDER 100Wh shipping by GROUND.

## Letter of Certification

It is hereby certified that the Lithium Ion batteries specified below are following the packing instruction set forth under the IATA Dangerous Goods Regulations (54<sup>th</sup> Edition released January 1, 2013). This package contains lithium ion batteries in the following configuration (check applicable):

**Warning:** Lithium batteries that have been recalled by the manufacturer for safety reasons must not be shipped by air.

- \_\_\_\_\_ Lithium ion battery only – ICAO/IATA Packing Instruction 965 Section II
  - Batteries in a package, without electronic equipment;
  - Greater than 2.7Wh but equal to or less than 100Wh;
  - 2 batteries per package; with or without overpack box
- \_\_\_\_\_ Lithium ion battery with equipment – ICAO/IATA Packing Instruction 966 Section II
  - Batteries contained in a package with associated electronic equipment;
  - Greater than 2.7Wh but equal to or less than 100Wh;
  - Net weight limit per package: 5 kg
- \_\_\_\_\_ Lithium ion battery contained in equipment – ICAO/ IATA Packing Instruction 967 Section II
  - Batteries contained in an associated electronic equipment;
  - Greater than 2.7Wh but equal to or less than 100Wh;
  - Net weight limit per package: 5 kg

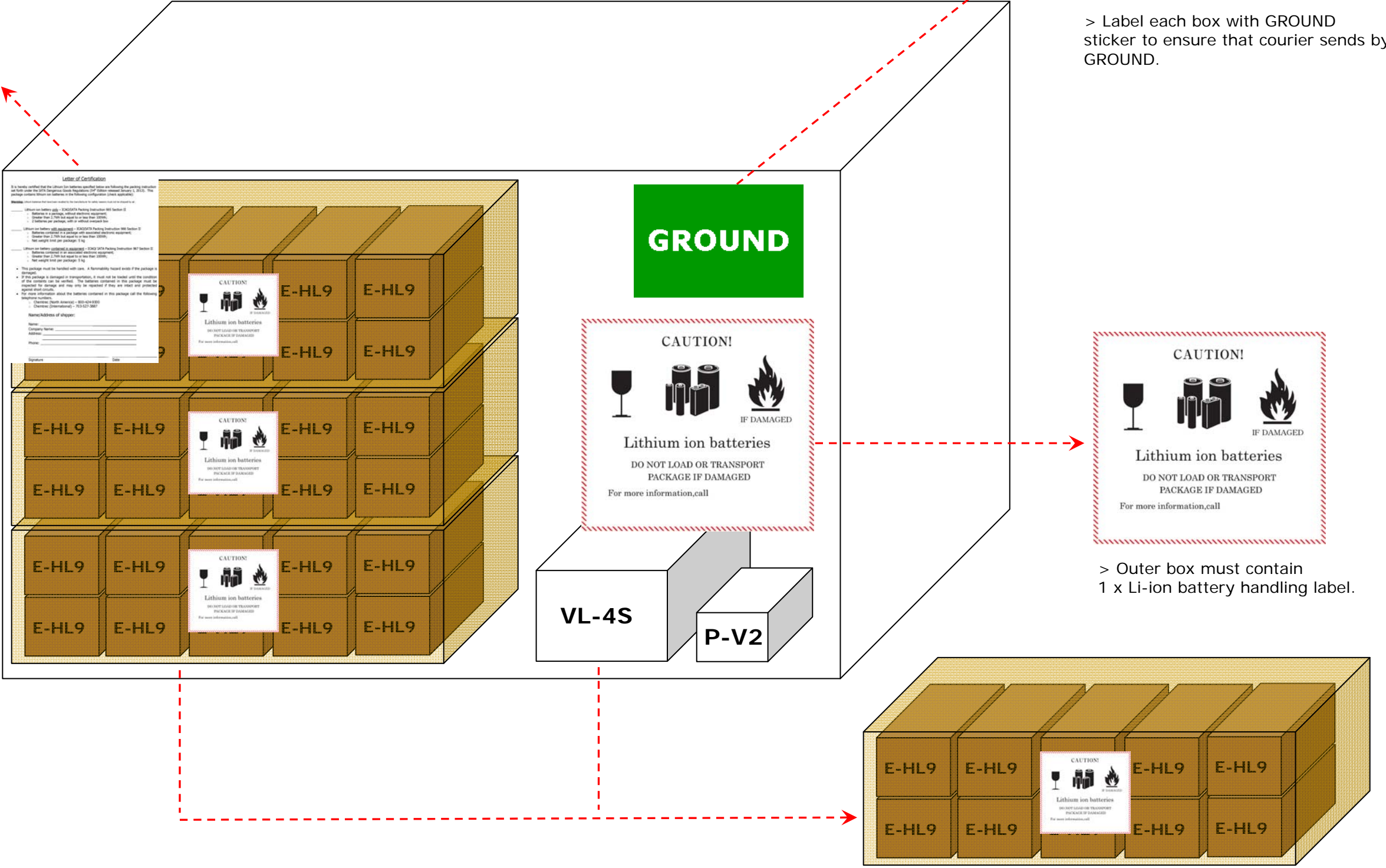
- This package must be handled with care. A flammability hazard exists if the package is damaged.
- If this package is damaged in transportation, it must not be loaded until the condition of the contents can be verified. The batteries contained in this package must be inspected for damage and may only be repacked if they are intact and protected against short circuits.
- For more information about the batteries contained in this package call the following telephone numbers.
  - Chemtrec (North America) – 800-424-9300
  - Chemtrec (International) – 703-527-3887

Name/Address of shipper:

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

> Shipment should be accompanied by [Non-hazardous Declaration of Lithium Ion Batteries](#) by GROUND.



**GROUND**

> Label each box with GROUND sticker to ensure that courier sends by GROUND.



> Outer box must contain 1 x Li-ion battery handling label.

- > Continue to use strong double-walled battery box, either in the box they are shipped in from IDX or a custom made version.
- > Box must contain 1 x Li-ion battery handling label.
- > Maximum weight per GROUND shipment is 30Kg.
- > Goods can be mixed and Li-ion batteries can be packed with other equipment.



# Lithium Ion Batteries OVER 100Wh shipping by AIR. Class 9 Dangerous Goods.

## LITHIUM ION BATTERIES

UN 3480

**Net Weight Per Battery:**

- > UN3480 and the shipping name must be applied adjacent to the Shipper/Consignee address.
- > Use UN3480 label when shipping Li-ion batteries ONLY.
- > Mark the Gross Weight of the package below.

## LITHIUM ION BATTERIES PACKED WITH EQUIPMENT

UN 3481

**Net Weight per Battery:**

- > UN3481 and the shipping name must be applied adjacent to the Shipper/Consignee address.
- > Use UN3481 label when shipping Li-ion batteries packed WITH other equipment.
- > Mark the Net Weight of each battery below.



- > All Dangerous Goods packages travelling by air MUST contain the Cargo Aircraft Only label.
- > The maximum Gross Weight of the package travelling by Cargo Aircraft is 35Kg.

**Shipper:**  
Name / Company  
Address  
City, State Zip  
Country

**Consignee:**  
Name / Company  
Address  
City, State Zip  
Country

- > Package must contain both Shipper and Consignee address.

[illegible]

- > Shippers [Declaration of Dangerous Goods](#) is required.
- > Minimum of 2 copies required to be supplied with the shipment.
- > Check with each courier how many they require e.g. Crossflight require 3 copies.
- > For a multi-piece consignment, only the master box requires a copy.
- > If shipping Li-ion batteries packed WITH other equipment, the other equipment does NOT need to be listed on the Shippers Declaration. However, UN3481 should be used as the UN ID.

**Shipper:**  
Name / Company  
Address  
City, State Zip  
Country

**Consignee:**  
Name / Company  
Address  
City, State Zip  
Country

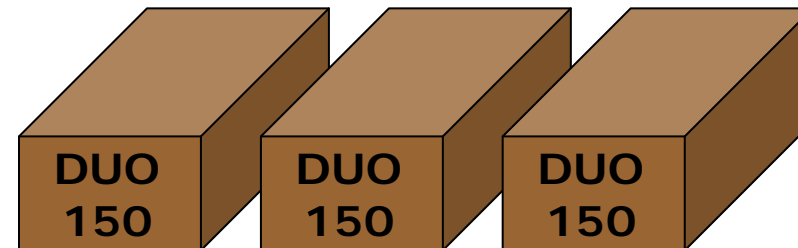
## LITHIUM ION BATTERIES

UN 3480

**Net Weight Per Battery:**



- > All packages MUST contain the Class 9 label.



- > Apart from the standard individual battery box, no other inner or outer packaging is required.



4GV/X31/S/10  
GB/5481

- > Special 4G UN packaging is required.
- > The box must contain a Package Orientation sign.
- > The UN box must meet Packing Group II standards and include the Y certification.

# Lithium Ion Batteries OVER 100Wh shipping by GROUND. Class 9 Dangerous Goods.

## LITHIUM ION BATTERIES

UN 3480

**Net Weight Per Battery:**

- > UN3480 and the shipping name must be applied adjacent to the Shipper/Consignee address.
- > Use UN3480 label when shipping Li-ion batteries ONLY.
- > Mark the Gross Weight of the package below.

## LITHIUM ION BATTERIES PACKED WITH EQUIPMENT

UN 3481

**Net Weight per Battery:**

- > UN3481 and the shipping name must be applied adjacent to the Shipper/Consignee address.
- > Use UN3481 label when shipping Li-ion batteries packed WITH other equipment.
- > Mark the Net Weight of each battery below.

## GROUND

- > All Dangerous Goods packages travelling by GROUND should contain the GROUND label
- > The maximum gross weight of the package travelling by GROUND is 35Kg.
- > Multi-piece consignments over 333Kg may be subject to further regulations. Check with each courier before booking this type of shipment.

**Shipper:**  
Name / Company  
Address  
City, State Zip  
Country

**Consignee:**  
Name / Company  
Address  
City, State Zip  
Country

- > Package must contain both Shipper and Consignee address.

[illegible]

- > Shippers [Declaration of Dangerous Goods](#) is required.
- > Minimum of 2 copies required to be supplied with the shipment.
- > Check with each courier how many they require e.g. Crossflight require 3 copies.
- > For a multi-piece consignment, only the master box requires a copy.
- > If shipping Li-ion batteries packed WITH other equipment, the other equipment does NOT need to be listed on the Shippers Declaration. However, UN3481 should be used as the UN ID.

**Shipper:**  
Name / Company  
Address  
City, State Zip  
Country

**Consignee:**  
Name / Company  
Address  
City, State Zip  
Country

## LITHIUM ION BATTERIES

UN 3480

**Net Weight Per Battery:**



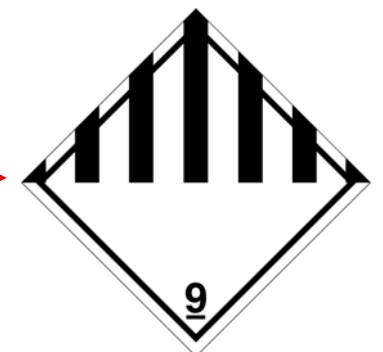
Three brown rectangular blocks are shown, each labeled "DUO 150".

- > Apart from the standard individual battery box, no other inner or outer packaging is required.



4GV/X31/S/10  
GB/5481

- > Special 4G UN packaging is required.
- > The box must contain a Package Orientation sign.
- > The UN box must meet Packing Group II standards and include the Y certification.



- > All packages MUST contain the Class 9 label.