Shipping lithium batteries
Packed in, packed with equipment or shipped alone

This guide is for illustrative purposes only. Please reference International Air Transport Association (IATA) or U.S. Department of Transportation (DOT) regulations when shipping lithium metal or lithium ion batteries or cells.

Complete regulations, as well as packaging guidelines, can be found at:
www.iata.org/whatwedo/cargo/dgr/Pages/lithium-batteries.aspx
http://phmsa.dot.gov/hazmat. Search for "Lithium Battery Shipping."
Package labeling requirements for shipping lithium ion and metal batteries at the UPS® Customer Center

- All* packages require a completed Lithium Battery Safety Document
- Either lithium ion or lithium metal battery

### Choosing the correct type of device and battery (for illustrative purposes)

#### Rechargeable Lithium Ion Battery
- Packed in the same box but not installed in the device.

#### Non-rechargeable Lithium Metal Battery
- Batteries shipped alone. Not allowed to be shipped via Air.

### All* packages require the appropriate Caution Label; either lithium ion or lithium metal.

#### Rechargeable Lithium Ion Battery
- Contains 1 or more cells or 2 or more batteries installed in electronic equipment, or with no other batteries in the package.
- Contains 2 or more cells or 2 or more batteries in electronic equipment, but not installed in the electronic equipment.
- Weight of batteries is less than 5 kg (11 lbs).
- Cells or cells only; Cells or batteries in a package, without equipment. No more than 2 cells or 2 cells max.
- Cells or batteries of less than 2.7 Wh, Weight of batteries is less than 2.4 kg (5.3 lbs).
- Non-rechargeable lithium metal batteries— forbidden for transport aboard passenger aircraft.

#### Non-rechargeable Lithium Metal Battery
- Batteries shipped alone. Not allowed to be shipped via Air.
- Contains 1 or more cells or 2 or more batteries in electronic equipment, but not installed in the electronic equipment.
- Weight of batteries is less than 5 kg (11 lbs).
- Cells or cells only; Cells or batteries in a package, without equipment. No more than 2 cells or 2 cells max.
- Cells or batteries of less than 2.7 Wh, Weight of batteries is less than 2.4 kg (5.3 lbs).
- Non-rechargeable lithium metal batteries— forbidden for transport aboard passenger aircraft.

* Lithium batteries contained in equipment with less than 2 batteries or 4 cells require no special documentation.

Completing the Lithium Battery Safety Document for Air and Ground Packages

In many instances, if shipping lithium batteries contained in a consumer electronic device, this documentation is not required. If shipping lithium batteries packed, with equipment or alone, complete the Lithium Battery Safety Document and Battery Label, as described in this brochure. Place the completed Lithium Battery Safety Document in document pouch or resealable envelope and attach it to the outside of the package. Attach the completed Lithium Battery label directly to the package.

![Lithium battery labels](image)

Complete the Lithium Battery Safety Document

Also required on any shipment containing lithium ion batteries, whether or not the batteries are being shipped with equipment:• Air and International Packages

- All* packages require a completed Lithium Battery Safety Document
- Non-rechargeable lithium metal batteries— forbidden for transport aboard passenger aircraft.

- Ground packages containing medium lithium batteries (ion or metal) require the following statement on the package:

LITHIUM BATTERIES—FORBIDDEN FOR TRANSPORT ABOARD AIRCRAFT AND VESSEL

- Ground packages containing small lithium metal batteries require the following statement on the package:

LITHIUM METAL BATTERIES—FORBIDDEN FOR TRANSPORT ABOARD PASSENGER AIRCRAFT

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[Diagram showing different types of lithium batteries]

Select the correct battery and shipment type by checking the appropriate box (see diagram at the top of the next page)

- Enter your telephone number
- Add your name and address
- Sign and date the form

[Form for Lithium Battery Safety Document]