Welcome

We are happy you decided to ship with us. Please take a few minutes to read the below page thoroughly, including the lithium battery prohibitions section. Our goal is for you to become familiar with the current Lithium Batteries & Cells Shipping Guide by following these simple instructions and for you to use it as an ongoing source for the proper packaging, documentation and labeling of lithium batteries.

**IMPORTANT: Lithium battery prohibitions**
Damaged, defective or recalled batteries are forbidden for air transport. However, batteries having some other defective feature (e.g., batteries with the incorrect model number on the label or batteries not holding enough charge) can still be shipped by air with proper packaging, labeling and documentation.

**For reference**
Lithium battery shipping information for air transport referenced in this guide (including pictured labels) are based on the 2018 International Air Transport Association (IATA) Dangerous Goods Regulations (DGR) 59th Edition section 7.3.18.1, 7.3.18.2, 7.4.2, 7.4.8 and 7.1.C. Lithium battery shipping information for ocean transport referenced in this guide (including pictured labels) are based off the International Maritime Dangerous Goods Code 2016 Edition 5.2.1.10.2 and 5.2.2.2.2.

**Reminders and other disclaimers**
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I have read through and agree to the above information and terms.
Choose shipping method (Click on your choice)

Ship by **air**

Ship by **ocean**
Choose battery type (Click on your choice)

Ship by **air**

Lithium **ion**
batteries or cells

Lithium **metal**
batteries or cells
Choose package contents (Click on your choice)

- Batteries and cells only
- Packed with equipment (separate in the same package)
- Contained in equipment
Select type and weight (Click on your choice)

- Batteries and cells only
- Batteries and cells ≤ 0.3g
- Batteries > 0.3g and ≤ 2g
- Cells > 0.3g and ≤ 1g
- Cells > 1g and batteries > 2g
LITHIUM METAL

Shipping instructions: Batteries & cells only

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- UN Specification Packaging is not required
- Maximum 2.5 kg net qty of lithium metal cell or batteries per package "Cargo Aircraft Only" (CAO)

Documentation
- The following statements are required on the waybill: “Lithium Metal Batteries in compliance with Section II of PI968” and “Cargo Aircraft Only” or “CAO”

Required labeling
- UN 3090, Lithium Metal Batteries — PI968 Section II
- Limit one package per consignment. If more than 1 package, you must send the package under PI1968 IB
- Confirm with your carrier that they accept Section II batteries. FedEx Express does not accept Section II batteries.
Select quantity (Click on your choice)

- Cells > 0.3g and ≤ 1g
  - ≤ 8 cells
  - > 8 cells
Shipping instructions: Batteries & cells only

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- UN Specification Packaging is not required
- Maximum 2.5 kg net qty of lithium metal cell or batteries per package "Cargo Aircraft Only" (CAO)

Documentation
- The following statements are required on the waybill: “Lithium Metal Batteries in compliance with Section II of PI968” and “Cargo Aircraft Only” or “CAO”

Required labeling
- Valid now through December 31, 2018
- Valid now and beyond January 1, 2019

UN 3090, Lithium Metal Batteries — PI968 Section II | Limit one package per consignment. If more than 1 package, you must send the package under PI968 IB. Confirm with your carrier that they accept Section II batteries. FedEx Express does not accept Section II batteries.
Lithium Batteries & Cells Shipping Guide by Air

**Shipping instructions:** Batteries & cells only

**Packaging**
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging.
- Maximum net weight per package is 2.5 kg.
- Cargo Aircraft Only.
- UN Specification Packaging is not required.

**Documentation**
- Shipper’s Declaration for Dangerous Goods (with IB noted in the authorization column for the declaration).
- Waybill should have the statement "Dangerous Goods as per attached DGD," and if applicable, "CAO" or "Cargo Aircraft Only".

**Required labeling**
- Valid now through December 31, 2018: UN 3090, Lithium Metal Batteries — PI968 Section IB.
- Valid now and beyond January 1, 2019: Required labeling.

Cells > 0.3g and < 1g

> 8 cells

IF DAMAGED
DO NOT LOAD OR TRANSPORT
PACKAGE IF DAMAGED
Lithium ion battery
CAUTION!
Minimum dimension 120mm
Minimum dimension 110mm
For more information, call_____________
Select quantity (Click on your choice)

Batteries > 0.3g and ≤ 2g
≤ 2 batteries
> 2 batteries
Shipping instructions: Batteries & cells only

**Batteries > 0.3g and < 2g**

- < 2 batteries

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**Packaging**

- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- Maximum quantity per package is 2 batteries
- UN Specification Packaging is not required
- Cargo Aircraft Only

**Documentation**

- The following statements are required on the waybill: “Lithium Metal Batteries in compliance with Section II of PI968” and “Cargo Aircraft Only” or “CAO”

**Required labeling**

- UN 3090, Lithium Metal Batteries — PI968 Section II
- Limit one package per consignment. If more than one package, you must send the package under PI968 IB
- Confirm with your carrier that they accept Section II batteries. FedEx Express does not accept Section II batteries.

- Required labeling — valid now through December 31, 2018
- Required labeling — valid now and beyond January 1, 2019

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Lithium Batteries & Cells Shipping Guide by Air
**Shipping instructions:** Batteries & cells only

**Packaging**
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging.
- Maximum net weight per package is 2.5 kg
- Cargo Aircraft Only
- UN Specification Packaging is not required

**Documentation**
- Shipper’s Declaration for Dangerous Goods (with IB noted in the authorization column for the declaration)
- Waybill should have the statement “Dangerous Goods as per attached DGD,” and if applicable, “CAO” or “Cargo Aircraft Only”

**Required labeling**
- Batteries > 0.3g and < 2g
  - > 2 batteries

UN 3090, Lithium Metal Batteries — PI968 Section IB
LITHIUM METAL
Shipping instructions: Batteries & cells only

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- Maximum net quantity per package is 35 kg for Cargo Aircraft Only (CAO)
- UN Specification Packaging is not required

Documentation
- Shipper’s Declaration for Dangerous Goods
- Waybill should have the statement “Dangerous Goods as per attached DGD,” and if applicable, “CAO” or “Cargo Aircraft Only”

Required labeling
- UN 3090, Lithium Metal Batteries — PI968 Section IA
  - Required labeling — valid now through December 31, 2018
  - OR
  - Required labeling — valid now and beyond January 1, 2019

Cells > 1g and batteries > 2g
LITHIUM METAL
Select type and weight  
(Click on your choice)

Packed with equipment 
(separate in the same package)

Cells ≤ 1g or batteries ≤ 2g

Cells > 1g or batteries > 2g
Lithium Batteries & Cells Shipping Guide by Air

LITHIUM METAL

Shipping instructions: Packed with equipment

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong outer packaging
- Equipment must be secured against movement within the outer-packaging, and against accidental activation
- Maximum number of batteries per package: Those necessary to power the equipment, plus 2 spares
- Maximum net quantity of lithium metal cells or batteries per package (exclusive of equipment): 5kg

Documentation
- The following statement is required on the waybill: “Lithium Metal Batteries in compliance with Section II of PI969

Required Labeling
- Cells < 1g or batteries < 2g

UN 3091, Lithium Metal Batteries Packed with Equipment — PI969 Section II
LITHIUM METAL
Shipping instructions: Packed with equipment

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong outer packaging.
- Equipment must be secured against movement within the outer-packaging, and against accidental activation.
- If prepared for transport on Passenger Aircraft: 1) Each battery or cell must be packed in either a rigid metal intermediate or a metal outer packaging. 2) Each battery or cell must be surrounded by cushioning material that is non-combustible and non-conductive.
- Maximum net quantity per package (exclusive of equipment): 5kg on Passenger and Cargo Aircraft (PAX) or 35 kg for Cargo Aircraft Only (CAO).

Documentation
- Shipper’s Declaration for Dangerous Goods.
- Waybill should have the statement “Dangerous Goods as per attached DGD,” and if applicable, “CAO” or “Cargo Aircraft Only”.

Required Labeling
- Required labeling — valid now through December 31, 2018.
- Required labeling — valid now and beyond January 1, 2019.

UN 3091, Lithium Metal Batteries Packed with Equipment — PI969 Section I.
LITHIUM METAL

Select type and weight (Click on your choice)

- Contained in equipment
- Cells < 1g or batteries < 2g
- Cells > 1g or batteries > 2g
Cells ≤ 1g or batteries ≤ 2g

≤ 4 Cells or ≤ 2 batteries

> 4 Cells or > 2 batteries
**Shipping instructions: Contained in equipment**

**Packaging**
- The equipment must be packed in a strong rigid outer packaging constructed of suitable material of adequate strength and design in relation to the packaging's capacity and its intended use unless the cell or battery is afforded equivalent protection by the equipment in which it is contained
- Maximum 5 kg net quantity of lithium metal cells or batteries per package (exclusive of equipment)

**Documentation**
- Waybill

**Required labeling**
- Exempt from any marking and labeling requirements for consignments of two packages or less
- If more than two packages, use the below labels

- **UN 3091, Lithium Metal Batteries Contained in Equipment — PI970 Section II**
  - CAUTION!
  - Laminate the Battery
  - DO NOT LOAD OR TRANSPORT PACKAGES IF DAMAGED
  - Minimum dimension 120mm
  - Required labeling — valid now through December 31, 2018

- **UN 3091**
  - For more information, call
  - Minimum dimension 110mm
  - Required labeling — valid now and beyond January 1, 2019

- **< 4 Cells or < 2 batteries**
Lithium Batteries & Cells Shipping Guide by Air

LITHIUM METAL

Shipping instructions: Contained in equipment

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely enclosed the battery or cell, then placed in a strong rigid outer packaging
- UN Specification Packaging is not required
- Equipment with batteries must be placed in outer packaging of suitable construction and strength so as to provide adequate protection, unless the battery is afforded equivalent protection by the equipment in which it is contained
- Maximum 5 kg net quantity of lithium metal cells or batteries per package (exclusive of equipment) for either “Passenger and Cargo Aircraft” or “Cargo Aircraft Only”

Documentation
- The following statement is required on the waybill: “Lithium Metal Batteries in compliance with Section II of PI970”

Required labeling
- CAUTION!
- Minimum dimension 120mm

UN 3091, Lithium Metal Batteries Contained in Equipment — PI970 Section II

> 4 Cells or > 2 batteries

IF DAMAGED
DO NOT LOAD OR TRANSPORT
PACKAGE IF DAMAGED

Lithium ion battery

CAUTION!

Minimum dimension 110mm

For more information, call_____________

UN 3091

Required labeling — valid now through December 31, 2018

Required labeling — valid now and beyond January 1, 2019
**Shipping instructions**: Contained in equipment

**Cells > 1g or batteries > 2g**

**Packaging**
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging.
- Maximum net quantity of lithium metal per piece of equipment must not exceed 500 g per battery and 12 g per cell.
- Maximum net quantity per package (exclusive of equipment): 5 kg on Passenger and Cargo Aircraft (PAX) or 35 kg for Cargo Aircraft Only Shipments (CAO).
- UN Specification Packaging is not required.

**Documentation**
- Shipper’s Declaration for Dangerous Goods.
- Waybill should have the statement “Dangerous Goods as per attached DGD,” and if applicable, “CAO” or “Cargo Aircraft Only.”

**Required labeling**
- UN 3091, Lithium Metal Batteries Contained in Equipment — PI970 Section I

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**When applicable:**
- Required labeling — valid now through December 31, 2018
- Required labeling — valid now and beyond January 1, 2019
Choose package contents (Click on your choice)

- Batteries and cells only
- Packed with equipment (separate in the same package)
- Contained in equipment
Lithium Batteries & Cells

Shipping Guide by Air

Select type and weight (Click on your choice)

- Batteries and cells only
- Batteries and cells ≤ 2.7 Wh
- Batteries > 2.7 Wh, but ≤ 100 Wh
- Cells > 2.7 Wh and ≤ 20 Wh
- Cells > 20 Wh and batteries > 100 Wh
Shipping instructions: Batteries & cells only

**Batteries and cells only ≤ 2.7 Wh**

**Packaging**
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging.
- For stand alone batteries, the State of Charge (SoC) should not exceed 30% of rated capacity.
- UN Specification Packaging is not required.
- Maximum 2.5 kg net qty per package.

**Documentation**
- The following statements are required on the waybill: “Lithium Ion Batteries in compliance with Section II of PI965” and “CAO” or “Cargo Aircraft Only”.

**Required labeling**
- UN 3480, Lithium Ion Batteries — PI965 Section II
- Limit one package per consignment. If more than 1 package, you must send the package under PI965 IB.
- Confirm with your carrier that they accept Section II batteries. FedEx Express does not accept Section II batteries.

*FedEx Trade Networks* Lithium Batteries & Cells Shipping Guide by Air

*IF DAMAGED*
- DO NOT LOAD OR TRANSPORT

PACKAGE IF DAMAGED

Lithium ion battery

CAUTION!

Minimum dimension 120mm

Minimum dimension 110mm
Cells > 2.7 Wh and ≤ 20 Wh

≤ 8 cells per package

> 8 cells per package
Lithium Batteries & Cells Shipping Guide by Air

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging.
- For stand-alone batteries, the State of Charge (SoC) should not exceed 30% of rated capacity.
- UN Specification Packaging is not required.
- Maximum 8 cells per package.

Documentation
- The following statements are required on the waybill: “Lithium Ion Batteries in compliance with Section II of PI965” and “CAO” or “Cargo Aircraft Only”.

Required labeling
- Cells > 2.7 Wh and ≤ 20 Wh: < 8 cells per package
- IF DAMAGED: DO NOT LOAD OR TRANSPORT PACKAGE IF DAMAGED
- Lithium ion battery
- CAUTION!
- Minimum dimension 120mm
- Minimum dimension 110mm

For more information, call 1234567890

UN 3480, Lithium Ion Batteries — PI965 Section II
| Limit one package per consignment. If more than 1 package, you must send the package under PI965 IB. Confirm with your carrier that they accept Section II batteries. FedEx Express does not accept Section II batteries. |
**Shipping instructions:** Batteries & cells only

### Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging.
- For stand alone batteries, the State of Charge (SoC) should not exceed 30% of rated capacity.
- UN Specification Packaging is not required.
- Maximum 10 kg net weight per package.

### Documentation
- Shipper’s Declaration for Dangerous Goods (with IB noted in the authorization column of the declaration).
- The following statements are required on the waybill: “Dangerous Goods as per attached DGD” or “Dangerous Goods as per attached Shipper’s Declaration” and “CAO” or “Cargo Aircraft Only”.

### Required labeling
- **UN 3480, Lithium Ion Batteries — PI965 Section IB**

#### Cells > 2.7 Wh and < 20 Wh
- > 8 cells

- **IF DAMAGED**
  - DO NOT LOAD OR TRANSPORT
  - PACKAGE IF DAMAGED

**CAUTION!**
- Minimum dimension 120mm
- Minimum dimension 110mm

For more information, call ________________

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**UN 3480, Lithium Ion Batteries — PI965 Section IB**

- **Required labeling** — valid now through December 31, 2018

- **Required labeling** — valid now and beyond January 1, 2019

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**FedEx Trade Networks**

**Lithium Batteries & Cells Shipping Guide by Air**
Lithium Batteries & Cells Shipping Guide by Air

**Select quantity** (Click on your choice)

- **Batteries > 2.7 Wh, but ≤ 100Wh**
- **≤ 2 batteries per package**
- **> 2 batteries per package**
**Lithium Batteries & Cells Shipping Guide by Air**

### Batteries > 2.7 Wh, but ≤ 100 Wh

- **Packaging**
  - Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging.
  - For stand alone batteries, the State of Charge (SoC) should not exceed 30% of rated capacity.
  - UN Specification Packaging is not required.
  - Maximum 2 batteries per package.

- **Documentation**
  - The following statements are required on the waybill: “Lithium Ion Batteries in compliance with Section II of PI965” and “CAO” or “Cargo Aircraft Only.”

- **Required labeling**
  - UN 3480, Lithium Ion Batteries — PI965 Section II: Limit one package per consignment. If more than 1 package, you must send the package under PI965 IB. Confirm with your carrier that they accept Section II batteries. FedEx Express does not accept Section II batteries.

- **Batteries ≤ 2 Wh**
  - IF DAMAGED: DO NOT LOAD OR TRANSPORT. PACKAGE IF DAMAGED.

- **Lithium ion battery**
  - CAUTION!
  - Minimum dimension 120mm for 2 batteries per package.
  - Minimum dimension 110mm for ≤ 2 batteries per package.

For more information, call [____________________].
Shipping instructions: Batteries & cells only

Packaging

- Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- For stand alone batteries, the State of Charge (SoC) should not exceed 30% of rated capacity
- UN Specification Packaging is not required
- Maximum 10 kg net weight per package

Documentation

- Shipper’s Declaration for Dangerous Goods (with IB noted in the authorization column of the declaration)
- The following statements are required on the waybill: “Dangerous Goods as per attached DGD” or “Dangerous Goods as per attached Shipper’s Declaration” and “CAO” or “Cargo Aircraft Only”

Required labeling

UN 3480, Lithium Ion Batteries — PI965 Section IB

Batteries > 2.7 Wh, but < 100 Wh
> 2 batteries per package

IF DAMAGED
DO NOT LOAD OR TRANSPORT
PACKAGE IF DAMAGED

Lithium ion battery

CAUTION!

Minimum dimension 120mm
Minimum dimension 110mm
Shipping instructions: Batteries & cells only

Packaging
- Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong outer packaging
- Maximum net quantity per package is 35 kg for Cargo Aircraft only (CAO)
- For stand alone batteries, the State of Charge (SoC) should not exceed 30% of rated capacity
- UN Specification Packaging required
- Fully Regulated

Documentation
- Shipper’s Declaration for Dangerous Goods
- Waybill should have the statement “Dangerous Goods as per attached DGD,” and if applicable, “CAO” or “Cargo Aircraft Only”

Required labeling
- For cells > 20 Wh and batteries > 100 Wh
- UN 3480, Lithium Ion Batteries — PI965 Section IA

Required labeling — valid now through December 31, 2018

Required labeling — valid now and beyond January 1, 2019
Packed with equipment
(separate in the same package)

Cells ≤ 20 Wh or batteries ≤ 100 Wh

Cells > 20 Wh or batteries > 100 Wh
Lithium Batteries & Cells Shipping Guide by Air

Shipping instructions: Packed with equipment

Packaging

- Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging.
- The equipment must also be secured against any movement within the outer packaging and must be equipped with an effective means of preventing accidental activation.
- Maximum number of batteries or cells per package: Those necessary to power the equipment, plus 2 spares.
- Maximum net quantity of lithium batteries or cells per package = 5 kg per package.

Documentation

- The following statement is required on the waybill: “Lithium Ion Batteries in compliance with Section II of PI966.”

Required labeling

- Cells < 20 Wh or batteries < 100 Wh: Minimum dimension 120mm.
- IF DAMAGED: DO NOT LOAD OR TRANSPORT PACKAGE IF DAMAGED.

Required labeling — valid now through December 31, 2018

Required labeling — valid now and beyond January 1, 2019

UN 3481, Lithium Ion Batteries Packed with Equipment — PI966 Section II
Lithium Batteries & Cells Shipping Guide by Air

Shipping instructions: Packed with equipment

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- UN Specification Packaging is required
- Maximum number of batteries includes those necessary to power the equipment plus 2 spares
- Maximum 5 kg net qty of lithium-ion cell or batteries per package (exclusive of equipment) for "Passenger and Cargo Aircraft" (PAX) and 35 kg for Cargo Aircraft Only Shipments (CAO)

Documentation
- Shipper’s Declaration for Dangerous Goods
- Waybill should have the statement “Dangerous Goods as per attached DGD,” and if applicable, “CAO” or “Cargo Aircraft Only”

Required labeling

UN 3481, Lithium Ion Batteries Packed with Equipment — PI966 Section I

Cells > 20 Wh or batteries > 100 Wh

Also, when applicable:

Required labeling — valid now through December 31, 2018

Also, when applicable:

Required labeling — valid now and beyond January 1, 2019
Select type and weight (Click on your choice)

- **Contained in equipment**
- **Cells ≤ 20 Wh or batteries ≤ 100 Wh**
- **Cells > 20 Wh or batteries > 100 Wh**
Cells ≤ 20 Wh or batteries ≤ 100 Wh

< 4 Cells or ≤ 2 batteries

> 4 Cells or > 2 batteries
Shipping instructions: Contained in equipment

Packaging
- The equipment must be packed in strong rigid outer packaging constructed of suitable material of adequate strength and design in relation to the packaging’s capacity and its intended use unless the cell or battery is afforded equivalent protection by the equipment in which it is contained
- Maximum net quantity of lithium batteries or cells: 5kg (exclusive of equipment)

Documentation
- Waybill

Required labeling
- Exempt from any marking and labeling requirements for consignments of two packages or less
- If more than two packages, use the below labels

< 4 Cells or < 2 batteries

UN 3481
Lithium Ion Batteries Contained in Equipment — PI967 Section II

Required labeling — valid now and beyond January 1, 2019
Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging. UN Specification Packaging is not required. Devices with batteries must be placed in an outer packaging of suitable construction and strength so as to provide adequate protection, unless the battery is afforded equivalent protection by the equipment in which it is contained. Maximum 5 kg net qty of lithium-ion cell or batteries per package (exclusive of equipment).

The following statement is required on the waybill: “Lithium Ion Batteries in compliance with Section II of PI967.”

For more information, call ____________

UN 3481, Lithium Ion Batteries Contained in Equipment — PI967 Section II
Shipping instructions: Batteries & cells only

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- UN Specification Packaging is not required
- Maximum 5 kg net qty of lithium-ion cell or batteries per package (exclusive of equipment) for “Passenger and Cargo Aircraft” (PAX) and 35 kg for Cargo Aircraft Only Shipments (CAO)

Documentation
- Shipper’s Declaration for Dangerous Goods
- Waybill should have the statement “Dangerous Goods as per attached DGD,” and if applicable, “CAO” or “Cargo Aircraft Only”

Required labeling

UN 3481, Lithium Ion Batteries Contained in Equipment — PI967 Section I

Cells > 20 Wh and batteries > 100 Wh
Choose battery type (Click on your choice)

- **Ship by ocean**
- **Lithium ion batteries or cells**
- **Lithium metal batteries or cells**
Choose package contents  (Click on your choice)

- Batteries and cells only
- Packed with equipment (separate in the same package)
- Contained in equipment
Select type and weight (Click on your choice)

- **Batteries and cells only**
- **Cells ≤ 20 Wh or batteries ≤ 100 Wh**
- **Cells > 20 Wh and batteries > 100 Wh**
Shipping instructions: Batteries & cells only

Packaging
- Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging.
- Maximum 30 kgs gross per package.

Documentation
- Waybill

Required labeling
- Cells < 20 Wh and batteries < 100 Wh
- Required labeling — valid now through December 31, 2018
- OR
- Required labeling — valid now and beyond January 1, 2019. UN 3480, Lithium Ion Batteries Complying with Special Provision 188

UN 3480
- Lithium Batteries & Cells Shipping Guide by Ocean
- FedEx Trade Networks
Lithium Batteries & Cells

Shipping instructions: Batteries & cells only

Packaging
- Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging
- Maximum gross quantity per package 30 kg
- UN Specification Packaging required
- Fully Regulated

Documentation
- Shipper’s Declaration
- Waybill

Required labeling
- UN 3480, Lithium Ion Batteries — Fully Regulated

Cells > 20 Wh and batteries > 100 Wh

Required labeling — valid now through December 31, 2018

Required labeling — valid now and beyond January 1, 2019
Select type and weight (Click on your choice)

Packed with equipment
(separate in the same package)

Cells ≤ 20 Wh or batteries ≤ 100 Wh

Cells > 20 Wh or batteries > 100 Wh
Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging. The equipment must also be secured against any movement within the outer packaging and must be equipped with an effective means of preventing accidental activation.

**Documentation**

- Waybill

**Required labeling**

- CAUTION!

Validator: Lithium batteries DO NOT USE OR TRANSPORT PROPERLY IF DAMAGED

- UN 3481, Lithium Ion Batteries Packed with Equipment or Contained in Equipment Complying with SP 188

UN 3481, valid now through December 31, 2018

OR

UN 3481, valid now and beyond January 1, 2019
Shipping instructions: Packed with equipment

**Packaging**
- Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging
- UN Specification Packaging is required

**Documentation**
- Shipper’s Declaration
- Waybill

**Required labeling**

- UN 3481, Lithium Ion Batteries Packed with Equipment or Contained in Equipment — Fully Regulated

- Required labeling — valid now through December 31, 2018
- Required labeling — valid now and beyond January 1, 2019

Cells > 20 Wh or batteries > 100 Wh
LITHIUM ION

Select type and weight (Click on your choice)

- Contained in equipment
- Cells ≤ 20 Wh or batteries ≤ 100 Wh
- Cells > 20 Wh or batteries > 100 Wh
Cells ≤ 20 Wh or batteries ≤ 100 Wh

< 4 Cells or ≤ 2 batteries

> 4 Cells or > 2 batteries
Shipping instructions: Contained in equipment

Packaging
- The equipment must be packed in strong rigid outer packaging constructed of suitable material of adequate strength and design in relation to the packaging’s capacity and its intended use unless the cell or battery is afforded equivalent protection by the equipment in which it is contained
- No more than 4 cells or 2 batteries contained in equipment

Documentation
- Waybill

Required labeling
- Exempt from any marking and labeling requirements for consignments of two packages or less
- If more than two packages, use the below labels

< 4 Cells or < 2 batteries

UN 3481, Lithium Ion Batteries Packed with Equipment or Contained in Equipment Complying with SP 188

CAUTION!

OR

Required labeling — valid now through December 31, 2018

UN 3481

Required labeling — valid now and beyond January 1, 2019
Shipping instructions: Contained in equipment

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging.
- The equipment must also be secured against any movement within the outer packaging and must be equipped with an effective means of preventing accidental activation.

Documentation
- Waybill

Required labeling
- CAUTION! Lithium Ion Battery. Do not load or transport pregnant or endangered.
- Required labeling — valid now through December 31, 2018
- Required labeling — valid now and beyond January 1, 2019

UN 3481, Lithium Ion Batteries Packed with Equipment or Contained in Equipment Complying with SP 188
Shipping instructions: Batteries & cells only

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- UN Specification Packaging is required

Documentation
- Shipper’s Declaration
- Waybill

Required labeling
- UN 3481, Lithium Ion Batteries Packed with Equipment or Contained in Equipment — Fully Regulated
- Required labeling — valid now through December 31, 2018
- Required labeling — valid now and beyond January 1, 2019

Cells > 20 Wh and batteries > 100 Wh
Choose package contents

- Batteries and cells only
- Packed with equipment (separate in the same package)
- Contained in equipment
Select type and weight

- Batteries and cells only
- Cells with lithium content ≤ 1g or batteries ≤ 2g
- Cells with lithium content > 1g and batteries > 2g
Cells with lithium content < 1g or batteries < 2g

Shipping instructions: Batteries & cells only

Packaging
- Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging
- UN specification is not required
- Maximum 30 kgs gross per package

Documentation
- Waybill

Required labeling

**CAUTION!**
LITHIUM METAL BATTERIES DO NOT LOAD OR TRANSPORT PACKAGE IF DAMAGED

UN 3090, Lithium Metal Batteries Complying with Special Provision 188

Required labeling — valid now through December 31, 2018

OR

UN 3090
For more information, call __________

Required labeling — valid now and beyond January 1, 2019
Lithium Batteries & Cells Shipping Guide by Ocean

LITHIUM METAL

Shipping instructions: Batteries & cells only

Cells with lithium content > 1g and batteries > 2g

Packaging
- Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- UN specification is not required
- Fully Regulated

Documentation
- Shipper's declaration
- Waybill

Required labeling

UN 3090, Lithium Metal Batteries — Fully Regulated

Required labeling — valid now through December 31, 2018

Required labeling — valid now and beyond January 1, 2019
LITHIUM METAL
Select type and weight (Click on your choice)

Packed with equipment
(separate in the same package)

Cells with lithium content ≤ 1g or batteries ≤ 2g

Cells with lithium content > 1g and batteries > 2g
Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging.

The equipment must also be secured against any movement within the outer packaging and must be equipped with an effective means of preventing accidental activation.

Required labeling — valid now through December 31, 2018

UN 3091, Lithium Metal Batteries Packed with Equipment or Contained in Equipment Complying with SP 188

CAUTION!

Do not load or transport if damaged.

For more information, call ________

UN 3091, valid now and beyond January 1, 2019

Cells with lithium content < 1g or batteries < 2g
Shipping instructions: Packed with equipment

Cells with lithium content > 1g and batteries > 2g

Packaging
- Each battery and cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery and cell, then placed in a strong rigid outer packaging
- UN Specification Packaging is required

Documentation
- Shipper’s Declaration
- Waybill

Required labeling
- UN 3091, Lithium Metal Batteries Packed with Equipment or Contained in Equipment — Fully Regulated
- Required labeling — valid now through December 31, 2018
- Required labeling — valid now and beyond January 1, 2019
Select type and weight (Click on your choice)

- Contained in equipment
- Cells with lithium content ≤ 1g or batteries ≤ 2g
- Cells with lithium content > 1g and batteries > 2g
Cells with lithium content
< 1g or batteries < 2g

< 4 Cells or < 2 batteries

> 4 Cells or > 2 batteries
Lithium Batteries & Cells Shipping Guide by Ocean

**Shipping instructions:** Contained in equipment

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**Packaging**
- The equipment must be packed in strong rigid outer packaging constructed of suitable material of adequate strength and design in relation to the packaging’s capacity and its intended use unless the cell or battery is afforded equivalent protection by the equipment in which it is contained.
- No more than 4 cells or 2 batteries contained in equipment.

**Documentation**
- Waybill.

**Required labeling**
- Exempt from any marking and labeling requirements for consignments of two packages or less.
- If more than two packages, use the below labels.

**CAUTION!**

- **Lithium battery**
- **Do not load on transport means of a dangerous nature**

**UN 3091**, Lithium Metal Batteries Contained in Equipment Complying with Special Provision 188

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**Required labeling — valid now through December 31, 2018**

**Required labeling — valid now and beyond January 1, 2019**
Lithium Batteries & Cells Shipping Guide by Ocean

LITHIUM METAL

Shipping instructions: Contained in equipment

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging.
- The equipment must also be secured against any movement within the outer packaging and must be equipped with an effective means of preventing accidental activation.

Documentation
- Waybill

Required labeling

UN 3091, Lithium Metal Batteries Packed with Equipment or Contained in Equipment Complying with SP 188

Caution!
- Minimum dimension 120mm
- Minimum dimension 110mm

For more information, call ____________
Shipping instructions: Lithium Batteries & Cells only

Packaging
- Each battery or cell must be protected against a short circuit and placed in an inner packaging that completely encloses the battery or cell, then placed in a strong rigid outer packaging
- UN Specification Packaging is required

Documentation
- Shipper’s Declaration
- Waybill

Required labeling
- UN 3091, Lithium Metal Batteries Packed with Equipment or Contained in Equipment — Fully Regulated

Cells with lithium content > 1g and batteries > 2g

Required labeling — valid now through December 31, 2018

Required labeling — valid now and beyond January 1, 2019