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 2020 International Air Transport Association (IATA) Dangerous Goods Regulations (DGR) 61st Edition section 7.3.18.2, 7.4.2 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 2018 Edition 5.2.1.10.2 and 5.2.2.2.2.

Reminders and other disclaimers
Copyright © 2017 by FedEx Trade Networks Transport & Brokerage, Inc. Reproduction in whole or in part prohibited except by permission. All rights reserved. Information has been obtained from sources believed to be reliable. However, because the underlying rules and regulations may change or be updated, and because of the possibility of human or mechanical error by FedEx Trade Networks Transport & Brokerage, Inc. or others, FedEx Trade Networks Transport & Brokerage, Inc. and its affiliates do not guarantee the accuracy, adequacy, or completeness of any information and are not responsible for any errors, omissions, or for the results obtained from the use of such information. Compliance with the rules, regulations and laws referenced in this tool is the shipper’s responsibility. Shippers should also check with the carrier they are using for any additional restrictions and verify country regulations for any differences that may apply.

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
Lithium Batteries & Cells Shipping Guide by Air

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
FedEx. Trade Networks
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

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.
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**

Cells > 0.3g and < 1g
- > 8 cells

UN 3090, Lithium Metal Batteries — PI968 Section IB

Lithium Batteries & Cells Shipping Guide by Air
Select quantity (Click on your choice)

- Batteries > 0.3g and ≤ 2g
  - ≤ 2 batteries
  - > 2 batteries
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 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

Batteries > 0.3g and < 2g
< 2 batteries

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.
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

UN 3090, Lithium Metal Batteries — PI968 Section IB
**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.
- Maximum net quantity per package is 35 kg for Cargo Aircraft Only (CAO).
- UN Specification Packaging is 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
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
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.

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

UN 3091, Lithium Metal Batteries Packed with Equipment — PI969 Section II
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 number of batteries per package: Those necessary to power the equipment, plus 2 spares.

Maximum net quantity per package (exclusive of equipment): 5kg on Passenger and Cargo Aircraft (PAX) or 35 kg for Cargo Aircraft Only (CAO).

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”.

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
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
**Shipping instructions: Contained in equipment**

**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**
- UN 3091, Lithium Metal Batteries Contained in Equipment — PI970 Section II
Lithium Batteries & Cells Shipping Guide by Air

**LITHIUM METAL**

**Shipping instructions:** Contained in equipment

- **Packaging**
  - 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 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**
  - When applicable:
    - UN 3091, Lithium Metal Batteries Contained in Equipment — PI970 Section I.

**Cells > 1g or batteries > 2g**
Choose package contents (Click on your choice)

- Batteries and cells only
- Packed with equipment (separate in the same package)
- Contained in equipment
LITHIUM ION

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

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 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.
Cells > 2.7 Wh and ≤ 20 Wh

≤ 8 cells per package

> 8 cells per package
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

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.
LITHIUM ION
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
Batteries > 2.7 Wh, but ≤ 100Wh

≤ 2 batteries per package

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

**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.
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.

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”.

UN 3480, Lithium Ion Batteries — PI965 Section IB
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

UN 3480, Lithium Ion Batteries — PI965 Section IA
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.

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.

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

UN 3481, Lithium Ion Batteries Packed with Equipment — PI966 Section II
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).

**Packaging**

**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
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
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 ion batteries or cells: 5kg (exclusive of equipment)

### Packaging

- Waybill

### Documentation

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

**Required labeling**

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

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

Packaging

- UN Specification Packaging is not required
- Equipment 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)

Documentation

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

Required labeling

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

### Packaging
- 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.
- 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
- Also, when applicable:

UN 3481, Lithium Ion Batteries Contained in Equipment — PI967 Section I
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**
- UN 3480, Lithium Ion Batteries Complying with Special Provision 188

Cells ≤ 20 Wh and batteries ≤ 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
- 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
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
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.

Documentation
- Waybill

Required labeling
- UN 3481, Lithium Ion Batteries Packed with Equipment - Complying with Special Provision 188

Cells ≤ 20 Wh or batteries ≤ 100 Wh
**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 — Fully Regulated
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
Select quantity (Click on your choice)

Cells ≤ 20 Wh or batteries ≤ 100 Wh

< 4 Cells or ≤ 2 batteries

> 4 Cells or > 2 batteries
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.

### Packaging

- Waybill

### Documentation

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

UN 3481, Lithium Ion Batteries Contained in Equipment - Complying with Special Provision 188
Shipping instructions: Contained in equipment

Packaging
- 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.
- 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 3481, Lithium Ion Batteries Contained in Equipment - Complying with Special Provision 188

> 4 Cells or > 2 batteries

For more information, call ____________

UN 3481
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.

- UN Specification Packaging is required

Documentation:
- Shipper’s Declaration
- Waybill

Required labeling:

UN 3481, Lithium Ion Batteries Contained in Equipment — Fully Regulated

Cells > 20 Wh and batteries > 100 Wh
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 with lithium content ≤ 1g or batteries ≤ 2g
- Cells with lithium content > 1g and 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

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

UN 3090, Lithium Metal Batteries Complying with Special Provision 188
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
- UN specification is required
- Fully Regulated

Documentation
- Shipper’s declaration
- Waybill

Required labeling
UN 3090, Lithium Metal Batteries — Fully Regulated

Cells with lithium content > 1g and batteries > 2g
Packed with equipment
(separate in the same package)

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

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

Documentation
- Waybill

Required labeling

UN 3091, Lithium Metal Batteries Packed with Equipment - Complying with Special Provision 188
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 3091, Lithium Metal Batteries Packed with Equipment — Fully Regulated

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

UN 3091, Lithium Metal Batteries Contained in Equipment Complying with Special Provision 188
Shipping instructions: Contained in equipment

Packaging
- 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.
- 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 Contained in Equipment Complying with Special Provision 188
**Shipping instructions:** Contained in equipment

**Packaging**
- 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.
- UN Specification Packaging is required.

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

**Required labeling**

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

UN 3091, Lithium Metal Batteries Contained in Equipment — Fully Regulated