

Lithium Batteries & Cells Shipping Guide



Legal disclaimer

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 2022 International Air Transport Association (IATA) Dangerous Goods Regulations (DGR) 63rd 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 2020 Edition 5.2.1.102 and 5.2.2.2.2

Reminders and other disclaimers

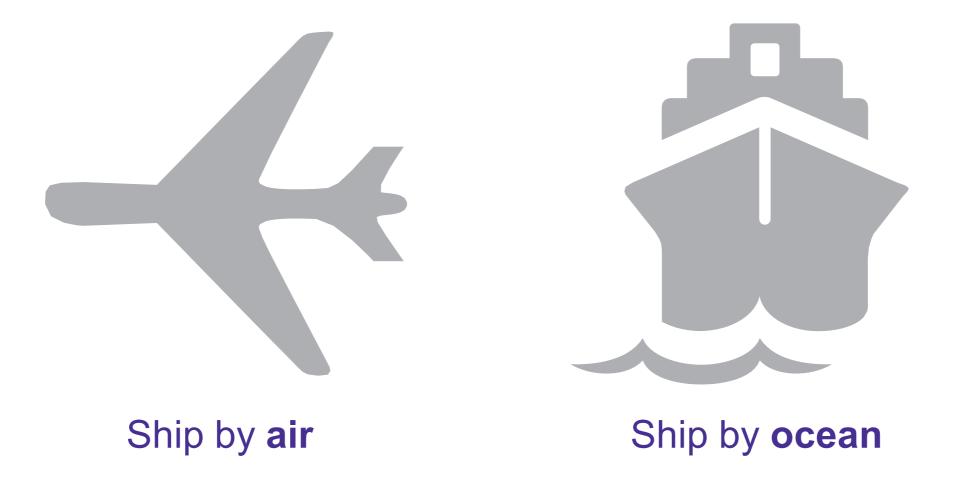
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I have read through and agree to the above information and terms.

I agree

I do not agree

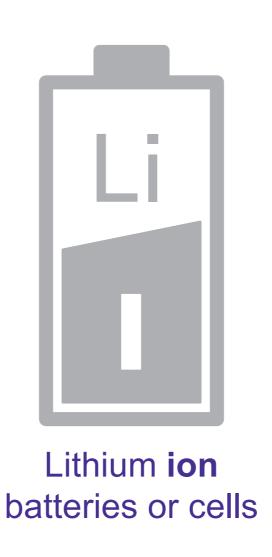
Choose shipping method (Click on your choice)









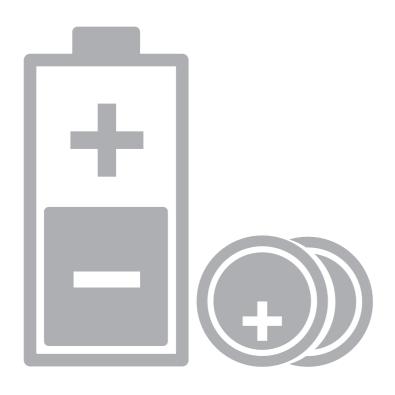




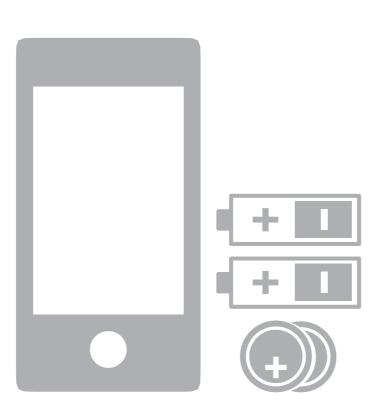


Choose battery type (Click on your choice)

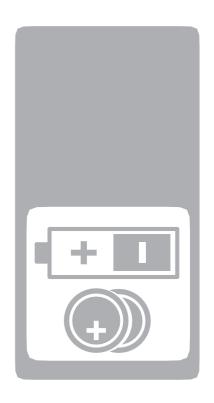




Batteries and cells only



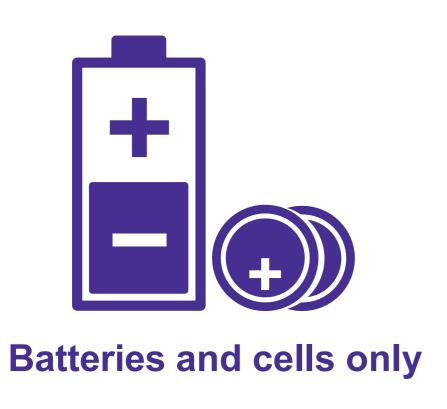
Packed with equipment (separate in the same package)



Contained in equipment

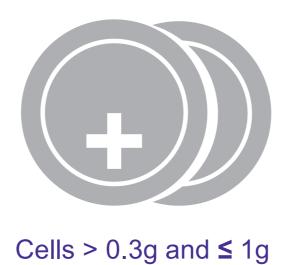








Batteries and cells ≤ 0.3g





Batteries > 0.3g and ≤ 2g



Cells > 1g and batteries > 2g







Batteries and cells only ≤ 0.3g



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 2.5 kg
- Cargo Aircraft Only (CAO)
- UN Specification Packaging is not required



Documentation

- Shipper's Declaration for Dangerous Goods (with IB noted in the Authorization column of the declaration or immediately following the Packing Instruction number)
- Waybill should have the statement "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



Required labeling



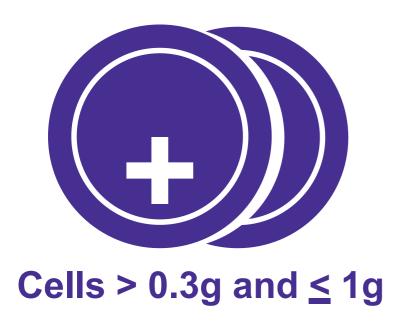


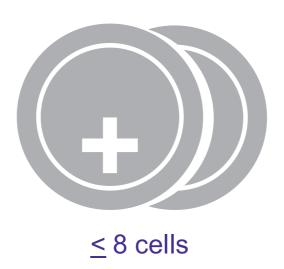


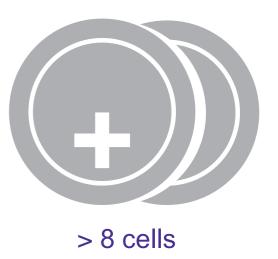
UN 3090, Lithium Metal Batteries — PI968 Section IB













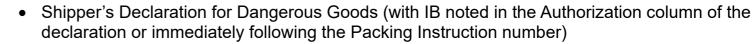




Packaging

- 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 2.5 kg
- Cargo Aircraft Only (CAO)
- · UN Specification Packaging is not required

Documentation



• Waybill should have the statement "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



Required labeling

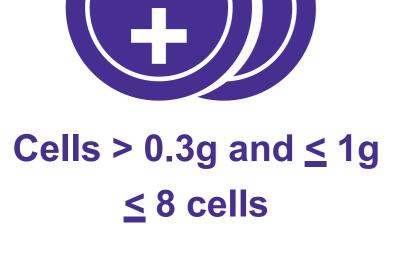








UN 3090, Lithium Metal Batteries —PI968 Section IB









Cells > 0.3g and ≤ 1g > 8 cells



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 2.5 kg
- Cargo Aircraft Only (CAO)
- · UN Specification Packaging is not required



Documentation

- Shipper's Declaration for Dangerous Goods (with IB noted in the Authorization column of the declaration or immediately following the Packing Instruction number)
- Waybill should have the statement "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



Required labeling



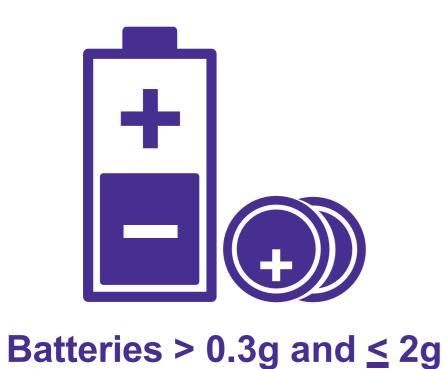




UN 3090, Lithium Metal Batteries — PI968 Section IB



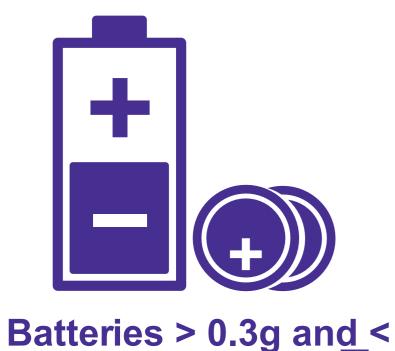












2g ≤ 2 batteries



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 2.5 kg
- Cargo Aircraft Only (CAO)
- UN Specification Packaging is not required



Documentation

- Shipper's Declaration for Dangerous Goods (with IB noted in the Authorization column of the declaration or immediately following the Packing Instruction number)
- Waybill should have the statement "Dangerous Goods as per associated DGD" and "Cargo Aircraft Only" or "CAO"



Required labeling



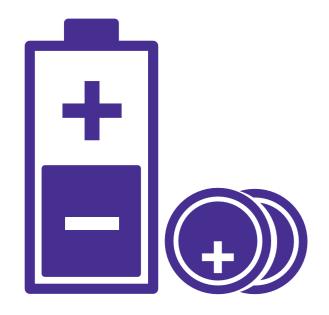




UN 3090, Lithium Metal Batteries — PI968 Section IB







Batteries > 0.3g and ≤ 2g

> 2 batteries



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 2.5 kg
- Cargo Aircraft Only (CAO)
- · UN Specification Packaging is not required



Documentation

- Shipper's Declaration for Dangerous Goods (with IB noted in the authorization column of the declaration or immediately following the Packing Instruction number)
- Waybill should have the statement "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



Required labeling







UN 3090, Lithium Metal Batteries — Pl968 Section IB







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
- 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 associated DGD" and "CAO" or "Cargo Aircraft Only"



Required labeling

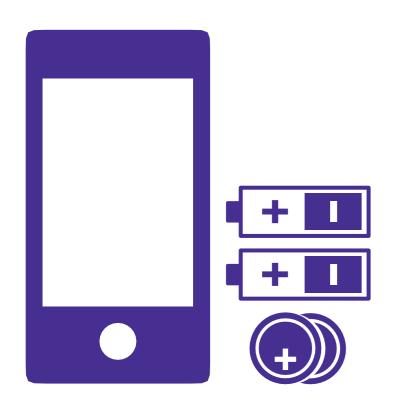




UN 3090, Lithium Metal Batteries — PI968 Section IA

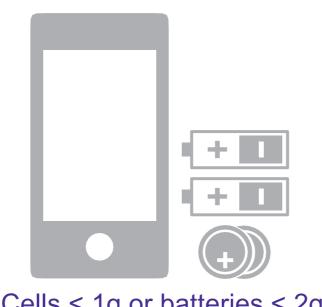




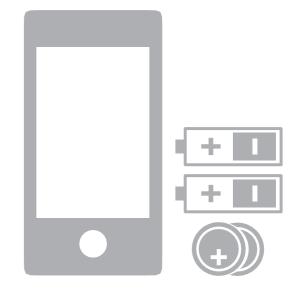




(separate in the same package)



Cells ≤ 1g or batteries ≤ 2g

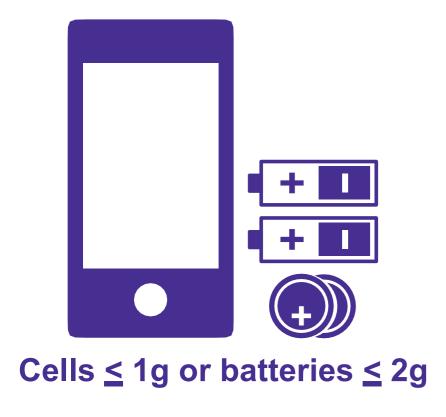


Cells > 1g or batteries > 2g



Shipping instructions: Packed with equipment









- 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 spare sets
- Maximum total quantity of lithium metal cells or batteries per package (exclusive of equipment): 5 kg



Documentation

 The following statement is required on the waybill: "Lithium Metal Batteries in compliance with Section II of PI 969"



Required Labeling

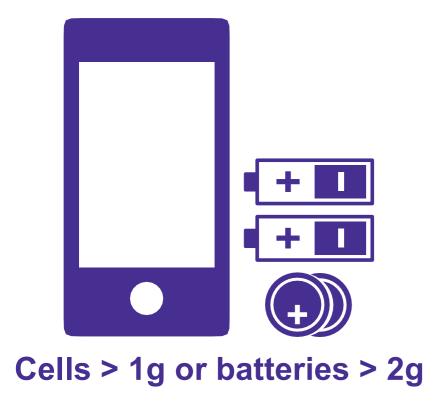


UN 3091, Lithium Metal Batteries Packed with Equipment — PI969 Section II



Shipping instructions: Packed with equipment









- 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 spare sets
- Maximum net quantity per package (exclusive of equipment): 5 kg 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 associated DGD," and if applicable, "CAO" or "Cargo Aircraft Only"



Required Labeling





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







Contained in equipment



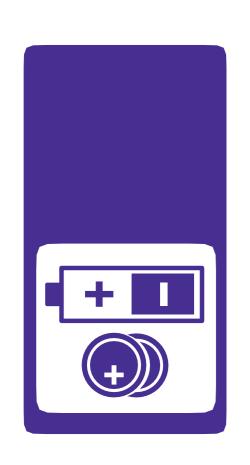
Cells ≤ 1g or batteries ≤ 2g



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





<4 Cells or <2 batteries



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 total quantity of lithium metal cells or batteries per package (exclusive of equipment)



Documentation

• The following statement is required on the waybill: "Lithium Metal Batteries in compliance with Section II of PI 970"



Required labeling

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



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



Shipping instructions: Contained in equipment





> 4 Cells or > 2 batteries



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 total 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 PI 970"



Required labeling



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



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

when

• Waybill should have the statement "Dangerous Goods as per associated DGD," and if applicable, "CAO" or "Cargo Aircraft Only"





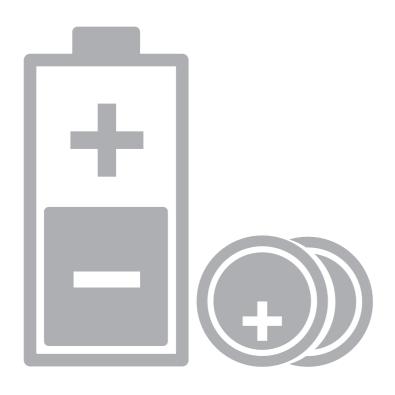


UN 3091, Lithium Metal Batteries Contained in Equipment — PI970 Section I

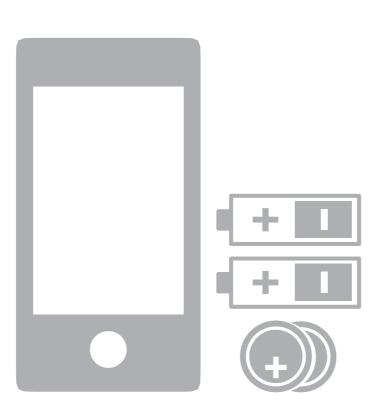


Choose package contents (Click on your choice)

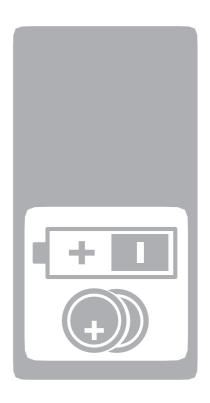




Batteries and cells only



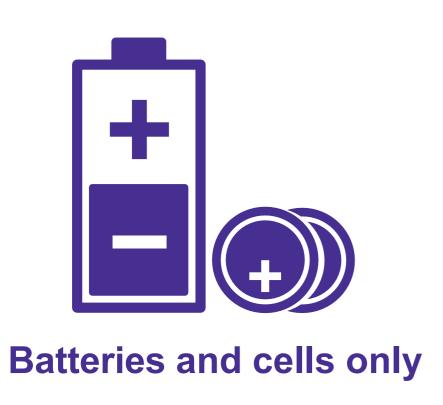
Packed with equipment (separate in the same package)



Contained in equipment









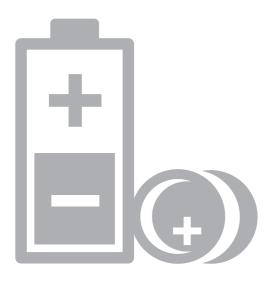
Batteries and cells ≤ 2.7 Wh



Cells > 2.7 Wh and ≤ 20 Wh



Batteries > 2.7 Wh, but ≤ 100 Wh



Cells > 20 Wh and batteries > 100 Wh







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) may not exceed 30% of rated capacity
- · UN Specification Packaging is not required
- Maximum 10 kg net quantity per package
- Cargo Aircraft Only (CAO)



Documentation

- Shipper's Declaration of Dangerous Goods (with IB noted in the Authorization column of the declaration or immediately following the Packing Instruction number)
- Waybill should have the following statement "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



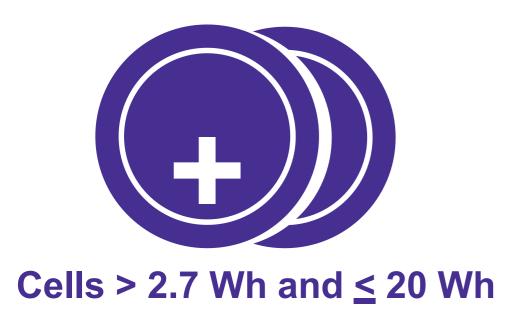
Required labeling

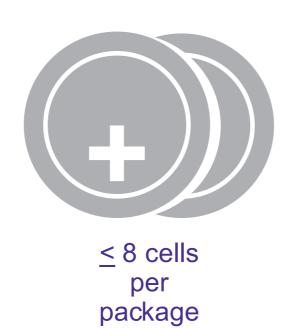


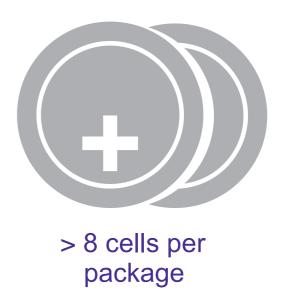






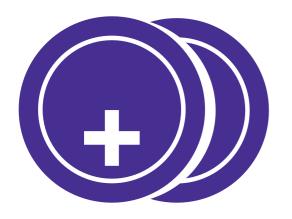












Cells > 2.7 Wh and ≤ 20 Wh ≤ 8 cells per package



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) may not exceed 30% of rated capacity
- · UN Specification Packaging is not required
- Maximum 10 kg net quantity per package
- Cargo Aircraft Only (CAO)



Documentation

- Shipper's Declaration for Dangerous Goods (with IB noted in the Authorization column of the declaration or immediately following the Packing Instruction number)
- Waybill should have that statement "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



Required labeling













Cells > 2.7 Wh and ≤ 20 Wh > 8 cells





- 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) may not exceed 30% of rated capacity
- UN Specification Packaging is not required
- Maximum 10 kg net quantity per package
- Cargo Aircraft Only (CAO)



Documentation

- Shipper's Declaration for Dangerous Goods (with IB noted in the authorization column of the declaration or immediately following the Packing Instruction number)
- The following statements are required on the waybill: "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



Required labeling

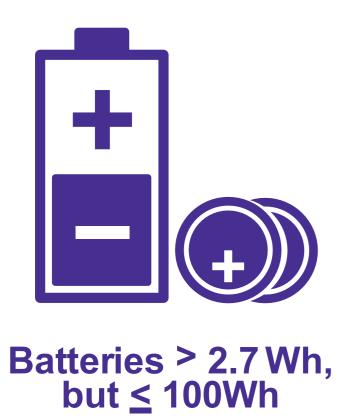














≤ 2 batteries per package



> 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) may not exceed 30% of rated capacity
- UN Specification Packaging is not required
- Maximum 10 kg net quantity per package



Documentation

- Shipper's Declaration for Dangerous Goods (with IB noted in the Authorization column of the declaration or immediately following the Packing Instruction number)
- Waybill should have the following statement "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



Required labeling













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 or cell, then placed in a strong rigid outer packaging
- For stand alone batteries, the State of Charge (SoC) may 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 or immediately following the Packing Instruction number)
- Waybill should have the statement "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



Required labeling













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 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) may not exceed 30% of rated capacity
- UN Specification Packaging is required
- Fully Regulated



Documentation

- Shipper's Declaration for Dangerous Goods
- Waybill should have the statement "Dangerous Goods as per associated DGD" and "CAO" or "Cargo Aircraft Only"



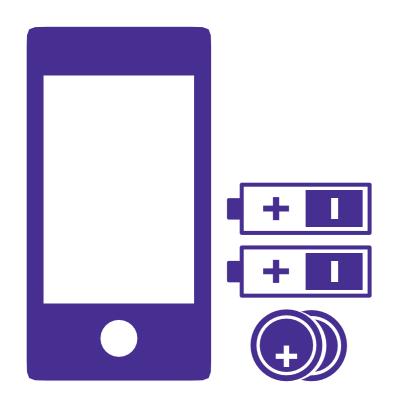
Required labeling





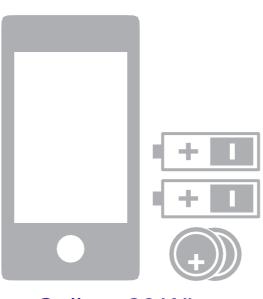




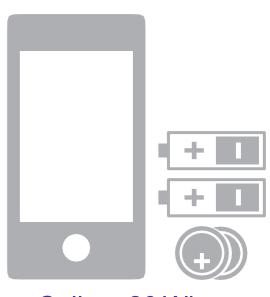


Packed with equipment

(separate in the same package)



Cells ≤ 20 Wh or batteries ≤ 100 Wh

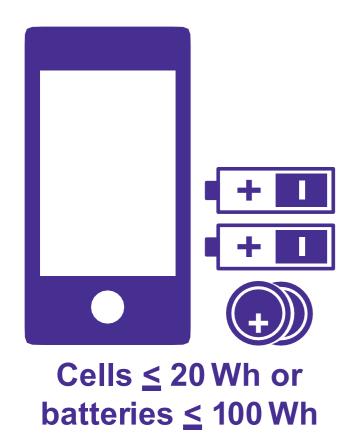


Cells > 20 Wh or batteries > 100 Wh



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
- Maximum number of batteries includes those necessary to power the equipment, plus 2 spare sets
- Maximum net quantity of lithium batteries or cells per package = 5 kg per package (exclusive of equipment)



Documentation

• The following statement is required on the waybill: "Lithium Ion Batteries in compliance with Section II of PI 966"



Required labeling

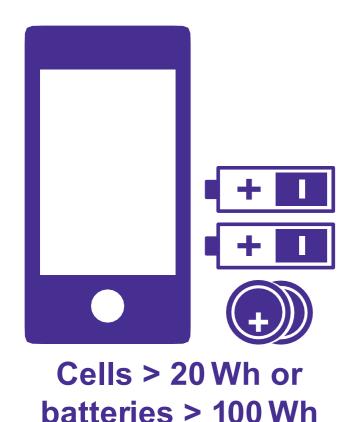


UN 3481, Lithium Ion Batteries Packed with Equipment — PI966 Section II



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 spare sets
- Maximum 5 kg net quantity of cells 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 associated DGD," and if applicable, "CAO" or "Cargo Aircraft Only"



Required labeling





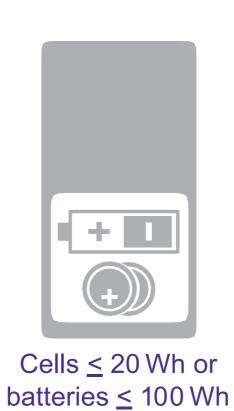
UN 3481, Lithium Ion Batteries Packed with Equipment — PI966 Section I

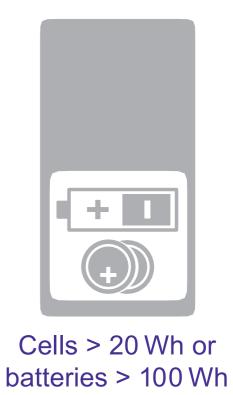




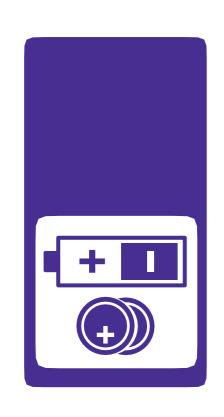


equipment









Cells ≤ 20 Wh or batteries ≤ 100 Wh

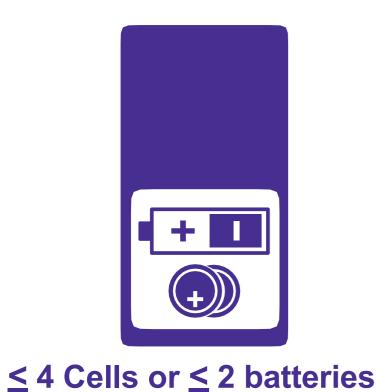


4 Cells or < 2 batteries



> 4 Cells or > 2 batteries







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 5 kg net quantity of cells 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 PI 967"



Required labeling

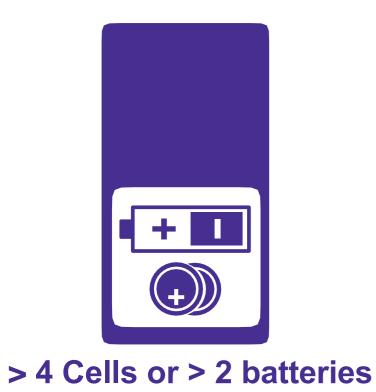
- Exempt from any marking and labeling requirements for consignments of two packages or less
- If more than two packages, use the below labels



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









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 quantity of cells 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"



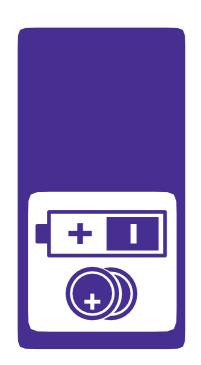
Required labeling



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







Cells > 20 Wh and

batteries > 100 Wh



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)

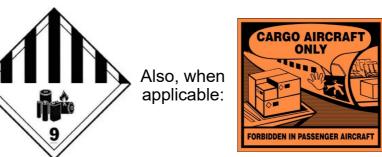


Documentation

- Shipper's Declaration for Dangerous Goods
- Waybill should have the statement "Dangerous Goods as per associated DGD," and if applicable, "CAO" or "Cargo Aircraft Only"



Required labeling

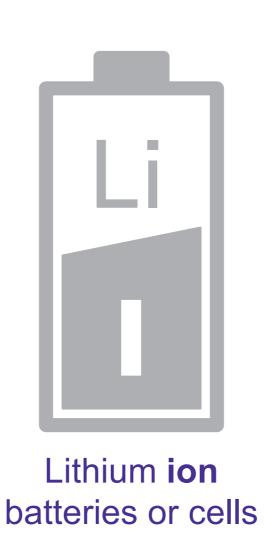


UN 3481, Lithium Ion Batteries Contained in Equipment — PI967 Section I











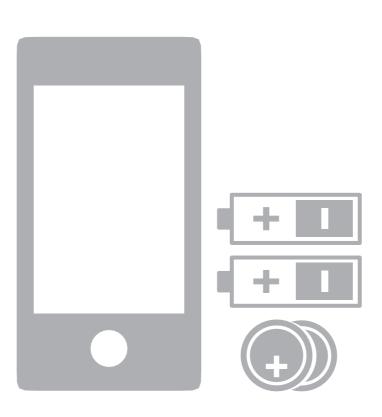
batteries or cells



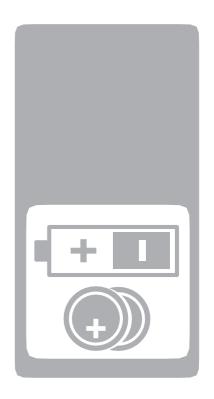




Batteries and cells only



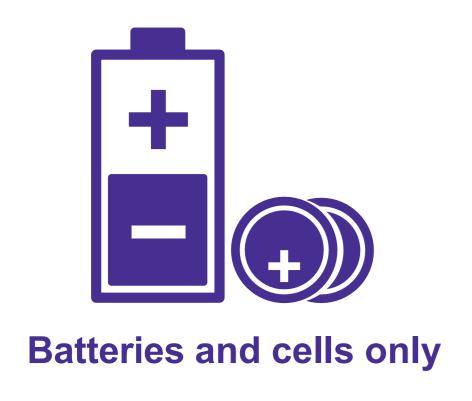
Packed with equipment (separate in the same package)

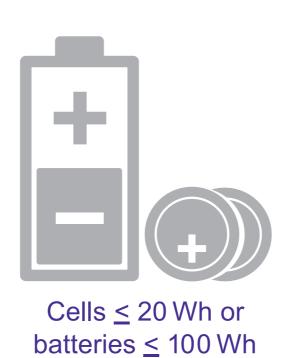


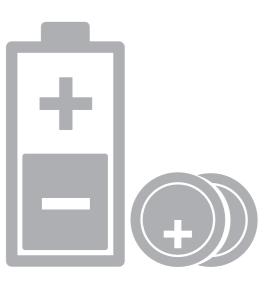
Contained in equipment







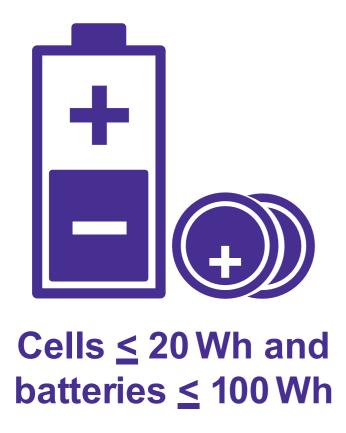




Cells > 20 Wh and batteries > 100 Wh









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 30 kgs gross per package



Documentation

Waybill



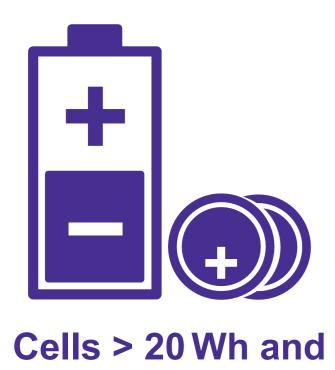
Required labeling



UN 3480, Lithium Ion Batteries Complying with Special Provision 188







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



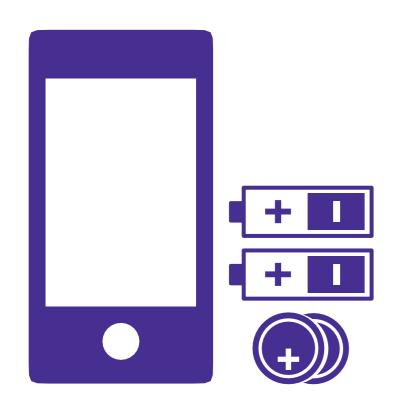
Required labeling



UN 3480, Lithium Ion Batteries — Fully Regulated

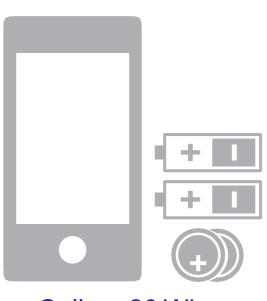




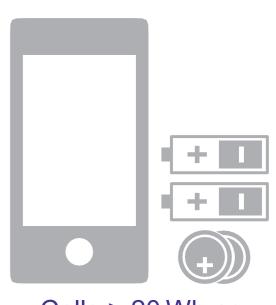


Packed with equipment

(separate in the same package)



Cells ≤ 20 Wh or batteries ≤ 100 Wh

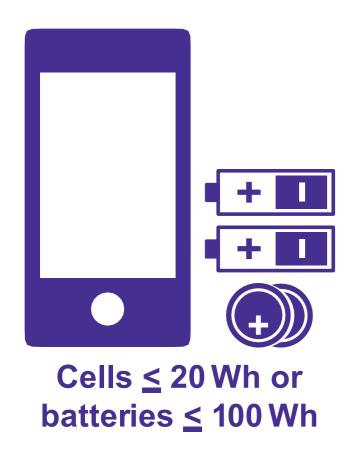


Cells > 20 Wh or batteries > 100 Wh



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

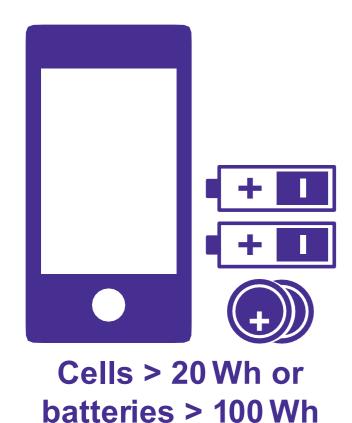


UN 3481, Lithium Ion Batteries Packed with Equipment - Complying with Special Provision 188



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



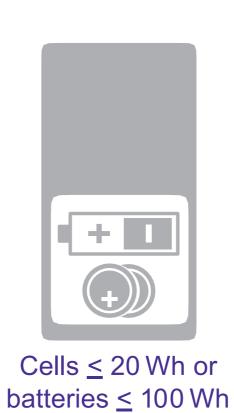
UN 3481, Lithium Ion Batteries Packed with Equipment — Fully Regulated







equipment





Cells > 20 Wh or batteries > 100 Wh



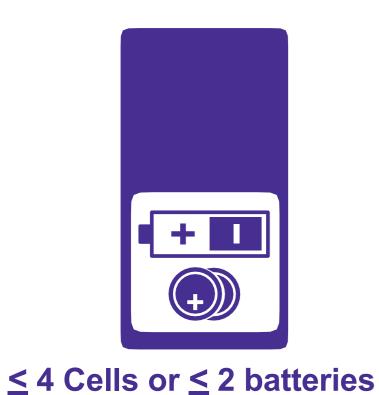


Cells ≤ 20 Wh or batteries ≤ 100 Wh



> 4 Cells or > 2 batteries







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







batteries



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







Cells > 20 Wh and

batteries > 100 Wh



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



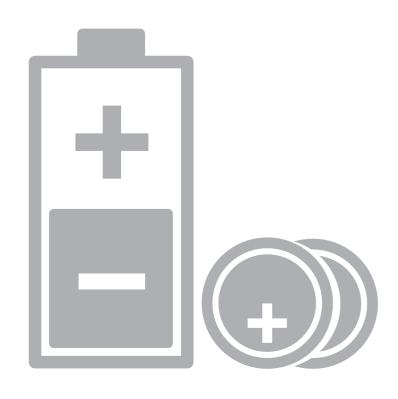
Required labeling



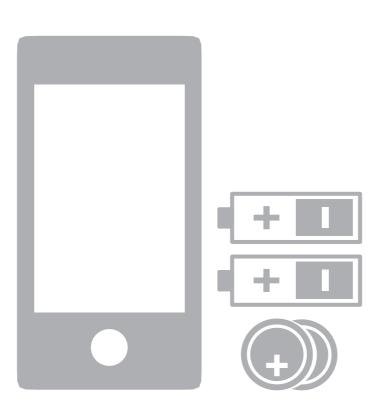
UN 3481, Lithium Ion Batteries Contained in Equipment — Fully Regulated



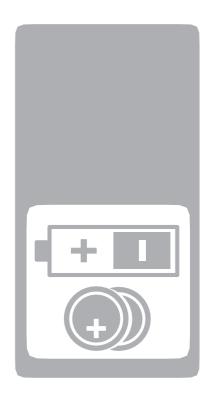




Batteries and cells only



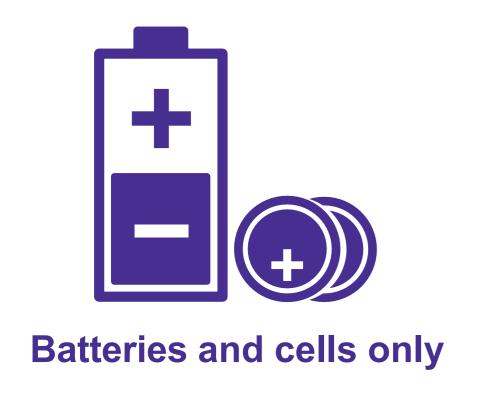
Packed with equipment (separate in the same package)



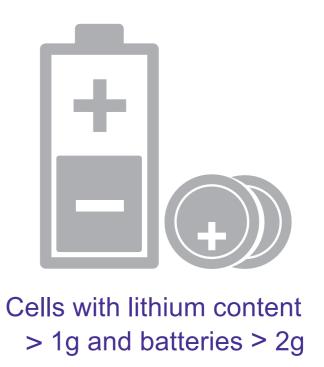
Contained in equipment















Cells with lithium content

≤ 1g or 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 not required
- Maximum 30 kgs gross per package



Documentation

Waybill



Required labeling



UN 3090, Lithium Metal Batteries Complying with Special Provision 188







> 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 Packaging is required
- Fully Regulated



Documentation

- Shipper's declaration
- Waybill



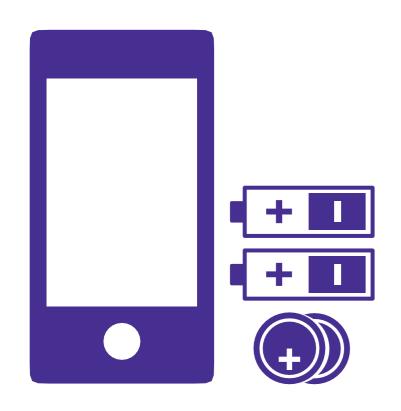
Required labeling



UN 3090, Lithium Metal Batteries — Fully Regulated

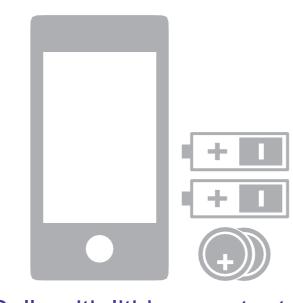




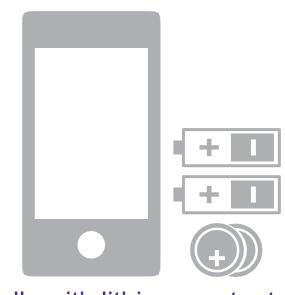


Packed with equipment

(separate in the same package)



Cells with lithium content ≤ 1g or batteries <_2g

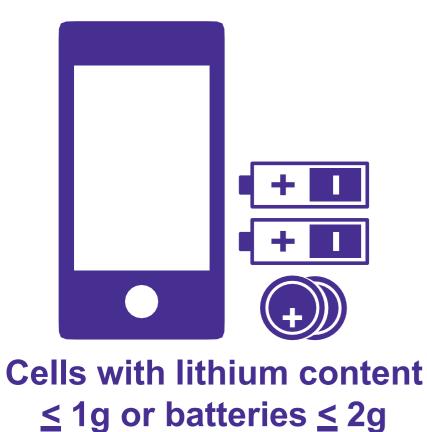


Cells with lithium content > 1g and batteries > 2g



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





> 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 —Fully Regulated







equipment



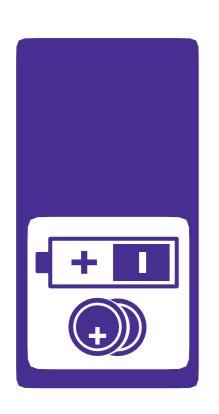
Cells with lithium content ≤ 1g or batteries <_2g



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







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



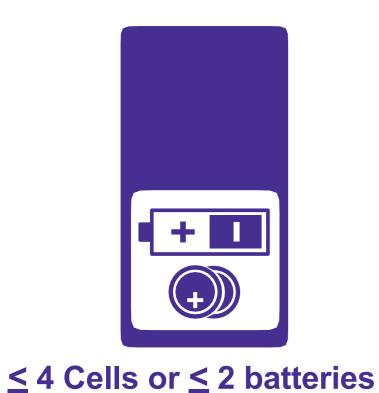
4 Cells or < 2 batteries



> 4 Cells or > 2 batteries









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







batteries



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







Cells with lithium content

> 1g and batteries > 2g



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



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

