

UPS Customer Center—Lithium Battery Safety Document for Air and Ground Packages

WARNING: LITHIUM BATTERIES THAT HAVE BEEN RECALLED BY THE MANUFACTURER FOR SAFETY REASONS **MUST NOT** BE SHIPPED BY AIR. MEDIUM LITHIUM BATTERIES **MUST NOT** BE SHIPPED BY AIR.

Terminology:

- Cell – *electrochemical unit, consisting of an anode and a cathode, capable of generating electrical current*
- Battery – *assembly of cells*
- Lithium ion cells/batteries – *generally rechargeable – includes lithium polymer cells/batteries*
- Lithium metal cells/batteries – *non-rechargeable*

This shipment contains lithium cells or batteries in the following configuration (check applicable description):

<i>Air and International Packages</i>	
Small Lithium Ion – Maximum of <i>20 Watt-hours (Wh) per cell or</i> <i>100 Watt-hours per battery</i>	Small Lithium Metal – Maximum of <i>1 gram of lithium metal per cell or</i> <i>2 grams of lithium metal per battery</i>
<input type="checkbox"/> Contained <u>in equipment</u> : More than 4 cells or 2 batteries installed in electronic equipment with no other batteries in the package. (Less than 4 cells or 2 batteries, no special documents or labels required)	<input type="checkbox"/> Contained <u>in equipment</u> : More than 4 cells or 2 batteries installed in electronic equipment with no other batteries in the package. (Less than 4 cells or 2 batteries, no special documents or labels required)
<input type="checkbox"/> Net Weight of batteries is less than 5 kg (11 LB).	<input type="checkbox"/> Net Weight of batteries is less than 5 kg (11 LB).
<input type="checkbox"/> Packed <u>with equipment</u> : No more than 8 cells or 2 batteries in a package with electronic equipment, but not installed in the electronic equipment.	<input type="checkbox"/> Packed <u>with equipment</u> : No more than 8 cells or 2 batteries in a package with electronic equipment, but not installed in the electronic equipment.
<input type="checkbox"/> Net Weight of batteries is less than 5 kg (11 LB).	<input type="checkbox"/> Net Weight of batteries is less than 5 kg (11 LB).
<input type="checkbox"/> Cells or batteries <u>only</u> : Cells or batteries in a package, without equipment. No more than 2 batteries or 8 cells allowed. However, only one package to a single consignee per day is allowed to be shipped under ICAO rules. Batteries must have less than a 30% state of charge when shipping international via air. Forbidden on passenger aircraft; requires “Cargo Aircraft Only” label. **OR**	Warning: Cells or batteries <u>only</u> : Lithium Metal cells or batteries in a package without electronic equipment are <i>not allowed</i> to be shipped by air through UPS Customer Centers.
<input type="checkbox"/> Cells or batteries of less than 2.7 Wh. Net Weight of batteries is less than 2.5 kg (5.5 LB). Batteries must have less than a 30% state of charge when shipping international via air. Forbidden on passenger aircraft; requires “Cargo Aircraft Only” label.	
<i>Ground Packages Only (Do not upgrade to air)</i> <i>(Excluding AK, HI, PR or any destination served by air)</i>	
Small Lithium Ion – Maximum of <i>20 Watt-hours (Wh) per cell or</i> <i>100 Watt-hours per battery</i>	Small Lithium Metal – Maximum of <i>1 gram of lithium metal per cell or</i> <i>2 grams of lithium metal per battery</i>
<input type="checkbox"/> Contained <u>in equipment</u> : Batteries or cells installed in electronic equipment with no other batteries in the package. (Less than 4 cells or 2 batteries, no special documents or labels required)	<input type="checkbox"/> Contained <u>in equipment</u> : Between 4 cells and 8 cells installed in electronic equipment with no other batteries in the package. (Less than 4 cells or 2 batteries, no special documents or labels required)
<input type="checkbox"/> Packed <u>with equipment</u> : Cells and batteries in a package with electronic equipment, but not installed in the electronic equipment.	<input type="checkbox"/> Packed <u>with equipment</u> : Cells and batteries in a package with electronic equipment, but not installed in the electronic equipment.
<input type="checkbox"/> Cells or batteries <u>only</u> : Cells or batteries in a package without equipment.	<input type="checkbox"/> Cells or batteries <u>only</u> : Cells or batteries in a package without equipment.
<input type="checkbox"/> Gross package weight no more than 30 kg (66 LB).	<input type="checkbox"/> Gross package weight no more than 30 kg (66 LB).
Medium Lithium Ion – Maximum of <i>60 Watt-hours per battery</i> <i>300 Watt-hours per battery</i>	Medium Lithium Metal – Maximum of <i>5 g lithium metal per cell or</i> <i>25 g lithium metal per battery</i>
<input type="checkbox"/> Lithium ion batteries <u>all configurations</u> : Cells >20 and ≤ 60 watt hours or Batteries > 100 and ≤ 300 Watt Hours	<input type="checkbox"/> Lithium metal batteries <u>all configurations</u> : Cells >1 and ≤ 5 grams or Batteries > 2 and ≤ 25 grams Lithium Metal
<input type="checkbox"/> Gross package weight no more than 30 kg (66 LB).	<input type="checkbox"/> Gross package weight no more than 30 kg (66 LB).

- Determine if you intend to ship via air and/or ground
- This package must be handled with care. A flammability hazard exists if the package is damaged.
- If this package is damaged in transportation, it must not be loaded until the condition of the contents can be verified. The batteries contained in this package must be inspected for damage and may only be repacked if they are intact and protected against short circuits.
- For more information about the batteries contained in this package, call the following telephone number:

List telephone number here, including area code and any applicable country code

Name/Address of shipper: _____

Signed: _____ Date: _____