

# Lithium Batteries by Air

		Cell/Battery watt-hour rating	Max per package	Inner Packaging	Outer Packaging	Marking	Labels	Documentation	Reference	Notes
Lithium Ion UN3480	Lower Power/Small Quantities	≤ 20 Wh per cell ≤ 100 Wh per battery	<b>lesser of:</b> 2.5kg net 8 cells 2 batteries	-inner packaging completely encloses cell or battery -protected from short circuiting	strong rigid outer packaging	none	Lithium Battery Handling Label Cargo Aircraft Only label	none	ICAO TI Packing Instruction 965, Section II	Shipments of "Batteries only" prepared under Section II are not accepted to the United States in the Purolator/UPS network.
	Lower Power/Higher Quantities	≤ 20 Wh per cell ≤ 100 Wh per battery	10 kg net	-inner packaging completely encloses cell or battery -protected from short circuiting	strong rigid outer packaging	UN Number & Proper Shipping Name	Class 9 Battery label Lithium Battery Handling Label Cargo Aircraft Only label	Shippers Declaration for air	ICAO TI Packing Instruction 965, Section IB	
	Higher Power Batteries	> 20 Wh per cell > 100 Wh per battery	35 kg net	UN Specification packaging		UN Number & Proper Shipping Name	Class 9 Battery label Cargo Aircraft Only label	Shippers Declaration for air	ICAO TI Packing Instruction 965, Section IA	
		Lithium Content	Max per package	Inner Packaging	Outer Packaging	Marking	Labels	Documentation	Reference	Notes
Lithium Metal UN3090	Lower Power/Small Quantities	≤ 1g per cell ≤ 2g per battery	<b>lesser of:</b> 2.5kg net 8 cells 2 batteries	-inner packaging completely encloses cell or battery -protected from short circuiting	strong rigid outer packaging	none	Lithium Battery Handling Label Cargo Aircraft Only label	none	ICAO TI Packing Instruction 968, Section II	Shipments of "Batteries only" prepared under Section II are not accepted to the United States in the Purolator/UPS network.
	Lower Power/Higher Quantities	≤ 1g per cell ≤ 2g per battery	2.5 kg net	-inner packaging completely encloses cell or battery -protected from short circuiting	strong rigid outer packaging	UN Number & Proper Shipping Name	Class 9 Battery label Lithium Battery Handling Label Cargo Aircraft Only label	Shippers Declaration for air	ICAO TI Packing Instruction 968, Section IB	
	Higher Power Batteries	> 1g per cell > 2g per battery	35 kg net	UN Specification packaging		UN Number & Proper Shipping Name	Class 9 Battery label Cargo Aircraft Only label	Shippers Declaration for air	ICAO TI Packing Instruction 965, Section IA	
		Cell/Battery watt-hour rating	Max per package-PAX	Max per package-CAO	UN Specification Packaging	Marking	Labels	Documentation	Reference	Notes
Lithium Ion UN3481	Packed with Equipment	≤ 20 Wh per cell ≤ 100 Wh per battery	5 kg net	5 kg net	no	none	Lithium Battery Handling Label Cargo Aircraft Only label if applicable	none	ICAO TI Packing Instruction 966, Section II	Shipments of "Batteries only" prepared under Section II are not accepted to the United States in the Purolator/UPS network.
		> 20 Wh per cell > 100 Wh per battery	5 kg net	35 kg net	yes	UN Number & Proper Shipping Name	Class 9 Battery label Cargo Aircraft Only label if applicable	Shippers Declaration for air	ICAO TI Packing Instruction 966, Section I	
	Contained in Equipment	≤ 20 Wh per cell ≤ 100 Wh per battery	5 kg net	5 kg net	no	none	Lithium Battery Handling Label Cargo Aircraft Only label if applicable	none	ICAO TI Packing Instruction 967, Section II	Shipments of "Batteries only" prepared under Section II are not accepted to the United States in the Purolator/UPS network.
		> 20 Wh per cell > 100 Wh per battery	5 kg net	35 kg net	no	UN Number & Proper Shipping Name	Class 9 Battery label Cargo Aircraft Only label if applicable	Shippers Declaration for air	ICAO TI Packing Instruction 967, Section I	
		Lithium Content	Max per package-PAX	Max per package-CAO	UN Specification Packaging	Marking	Labels	Documentation	Reference	Notes
Lithium Metal UN3091	Packed with Equipment	≤ 1g per cell ≤ 2g per battery	5 kg net	5 kg net	no	none	Lithium Battery Handling Label Cargo Aircraft Only label	none	ICAO TI Packing Instruction 969, Section II	Shipments of "Batteries only" prepared under Section II are not accepted to the United States in the Purolator/UPS network.
		> 1g per cell > 2g per battery	5 kg net	35 kg net	yes	UN Number & Proper Shipping Name	Class 9 Battery label Cargo Aircraft Only label	Shippers Declaration for air	ICAO TI Packing Instruction 969, Section IB	
	Contained in Equipment	≤ 1g per cell ≤ 2g per battery	5 kg net	5 kg net	no	none	Lithium Battery Handling Label Cargo Aircraft Only label	none	ICAO TI Packing Instruction 970, Section II	
		> 1g per cell > 2g per battery	5 kg net	35 kg net	no	UN Number & Proper Shipping Name	Class 9 Battery label Cargo Aircraft Only label	Shippers Declaration for air	ICAO TI Packing Instruction 970, Section IA	