

**Battery Shipments Authorized for Air Transport (US and Int'l)  
on Cargo Aircraft Only (CAO)  
Packing Instruction 965, Section IB\***

**Customer Defined Shipment Specifications**

- Watt-hour rating is  $\leq 20$  Wh/cell or  $\leq 100$  Wh/battery
- Net quantity of lithium cells or batteries is  $\leq 10$  kg
- State of charge (SoC) of the cells/batteries does not exceed 30% of the rated design capacity

**Packaging Requirements**

- Cells and batteries protected to prevent short circuits
- Inner packagings that completely enclose the cell or battery and provide protection from damage or compression
- Strong rigid outer packaging
- Each package must be capable of withstanding:
  - a 1.2 meter drop test in any orientation without damage to the cells or batteries contained in the package, without shifting of the contents that would allow short circuiting, and without release of the package contents; and,
  - A force applied to the top surface equivalent to the total weight of identical packages stacked to a height of 3 m (including the test sample) for a duration of 24 hours, without damage to the cells or batteries contained therein and without any reduction of effectiveness
- Transport aboard PAX is not authorized

**Marking and Labeling Requirements**



The Lithium Battery mark containing "UN3480" and a phone number may continue to be used until 31 December 2026

UN3480, LITHIUM ION BATTERIES	UNID, Proper Shipping Name
	Class 9 Lithium Battery label
	Lithium Battery mark containing "UN3480"  PHMSA has published a Notice of Enforcement that allows the new Lithium Battery mark to be used for air shipments prepared under the international air regulations
	Cargo Aircraft Only handling label

**Lithium Ion****Fully Regulated****UN3480****Standalone**

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**Documentation Requirements**

1. Air Waybill with the details of the shipment.

Handling information							
DANGEROUS GOODS AS PER ATTACHED SHIPPERS DECLARATION - CAO							
These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Ultimate Destination.						Diversion contrary to U.S. law prohibited	
No. of Pieces RCP	Gross Weight	kg Lb	Rate Class Commodity Item No.	Chargeable Weight	Rate Charge	Total	Nature and Quantity of Goods (incl. Dimensions of Volume)
							Lithium ion batteries

2. State and/or Operator Variations may require additional documentation.

TRANSPORT DETAILS		Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.	
This shipment is within the limitations prescribed for: (delete non-applicable)	Airport of Departure:	Shipment type: (delete non-applicable) NON-RADIOACTIVE <del>XXXXXX</del>	
<del>XXXXXX</del> CARGO AIRCRAFT ONLY			
Airport of Destination:			
<b>NATURE AND QUANTITY OF DANGEROUS GOODS</b> UN Number or Identification Number, Proper Shipping Name, Class or Division (subsidiary hazard), Packing Group (if required), and all other required information.			
UN3480, Lithium Ion Batteries, 9 1 Fiberboard Box x 3 kg 965 IB			
<b>Additional Handling Information</b> ERG CODE 147/ ICAO CODE 12FZ 24 hr Emergency Contact Outside of the U.S.: +1-xxx-xxx-xxxx (if international shipment) 24 hr. Emergency Contact Name <u>XXXXXXXXXXXXXXXXXX</u> 24 hr. Emergency Contact Tel. No. <u>XXXXXXXXXXXXXXXXXX</u>			



**DGIS** LITHIUM  
BATTERY  
ADVISOR