# Battery Shipments Authorized for Air Transport (US and Int'l) on Passenger Aircraft (PAX) Packing Instruction 966, Section II\*

#### **Customer Defined Shipment Specifications**

- Watt-hour rating is ≤ 20 Wh/cell or ≤ 100 Wh/battery
- Net quantity of lithium cells or batteries is ≤ 5 kg per package
- Package contains no more than the number of lithium cells or batteries necessary to power the intended piece of equipment plus 1 or 2 spare sets

#### **Packaging Requirements**

- Cells and batteries protected to prevent short circuits
- Cells and batteries must be:
  - be completely enclosed in inner packagings then placed in a strong rigid outer packaging; or,
  - be completely enclosed in inner packagings then placed with the equipment in a strong rigid outer packaging.
- The equipment must be protected from moving within the outer package
- Each package of cells or batteries, or the completed 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

### **Marking and Labeling Requirements**





Lithium Battery mark containing "UN3481"

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



The Lithium Battery mark containing "UN3481" and a phone number may continue to be used until 31 December 2026



\*This sheet is only a summary of the requirements found in IATA Sec 3.9.2.6, PI966 Sec II, Sec. 7.1.5.5, and State and Operator Variations as applicable; 49 CFR §171.22 and §171.24

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#### **Documentation Requirements**

- 1. Air Waybill with the following:
  - States "Lithium Ion Batteries in compliance with Section II of PI 966"
- 2. State and/or Operator Variations may require additional documentation and emergency response information.



