

Chart is based on International Civil Aviation Organization's (ICAO) 2023-2024 Edition of the Technical Instructions

Packing Instruction	UN # Proper Shipping Name	Wh Rating (Cells)	Allowable #Cells Per Package	Wh Rating (Batteries)	Allowable # of Batteries Per Package	Allowable Net Mass Per Package	Shippers Dec?	Labels	UN Spec Required?	Additional?
PI 965 Section IA	UN3480 Lithium-Ion Batteries	> 20 Wh	N/A	> 100 Wh	N/A	(PAX) Forbidden	Yes	Class 9 Lithium Battery Label + CAO Label	Yes (PGII)	State of Charge < 30%
PI 965 Section IB	UN3480 Lithium-Ion Batteries	≤ 20 Wh	N/A	≤ 100 Wh	N/A	(PAX) Forbidden 10kg (CAO)	Yes	Class 9 Lithium Battery Label + Lithium Battery Mark + CAO Label	No UN Spec 1.2m Drop Test 3m Stack Test	Packing Instruction # in Association "IB" on Shipper's Dec State of Charge <30%
PI 966 Section I	UN3481 Lithium-Ion Batteries Packed w/ Equipment	> 20 Wh	Minimum to Power Equip + 2 Spare Sets	> 100 Wh	Minimum to Power Equip + 2 Spare Sets	5kg (PAX) 35kg (CAO)	Yes	Class 9 Lithium Battery Label (+ CAO Label if > 5kg)	Yes (PGII)	None
PI 966 Section II	UN3481 Lithium-Ion Batteries Packed w/ Equipment	≤ 20 Wh	Minimum To Power Equip + 2 Spare Sets	≤ 100 Wh	Minimum To Power Equip + 2 Spare Sets	5 Kg	No ¹	Lithium Battery Mark	No UN Spec 1.2m Drop Test	None
PI 967 Section I	UN3481 Lithium-Ion Batteries Contained in Equipment	> 20 Wh	N/A	> 100 Wh	N/A	5kg (Pax) 35kg (CAO)	Yes	Class 9 Lithium Battery Label (+ CAO Label if > 5kg)	No UN Spec Suitable Material of Adequate Strength and Design. Strong Rigid Outer Packaging	Packed to Prevent Accidental Activation and Damage due to Equipment Contact
PI 967 Section II	UN3481 Lithium-Ion Batteries Contained in Equipment	≤ 20 Wh	N/A	≤ 100 Wh	N/A	5kg	No ^{2/3}	Lithium Battery Mark ³	No UN Spec Suitable Material of Adequate Strength and Design. Strong Rigid Outer Packaging	See PI 967 for RFID Tags. Packed to prevent accidental activation and damage due to equipment contact

1. "Lithium ion batteries, in compliance with Section II of PI966" on AWB.
 2. "Lithium ion batteries, in compliance with Section II of PI967" on AWB.
 3. Package w/ ≤4 cells or ≤2 batteries and ≤ 2 packages in consignment, no lithium battery mark or AWB statement required.



Chart is based on International Civil Aviation Organization's (ICAO) 2023-2024 Edition of the Technical Instructions

Packing Instruction	UN # Proper Shipping Name	Wh Rating (Cells)	Allowable #Cells Per Package	Wh Rating (Batteries)	Allowable # of Batteries Per Package	Allowable Net Mass Per Package	Shippers Dec?	Labels	UN Spec Required?	Additional?
PI 968 Section IA	3090 Lithium Metal Batteries	> 1g Lithium Content	N/A	> 2g Lithium Content	N/A	(PAX) Forbidden 35kg (CAO)	Yes	Class 9 Lithium Battery Label + CAO Label	Yes (PGII)	None
PI 968 Section IB	3090 Lithium Metal Batteries	≤ 1g Lithium Content	N/A	≤ 2g Lithium Content	N/A	(PAX) Forbidden 2.5kg (CAO)	Yes	Class 9 Lithium Battery Label + Lithium Battery Mark + CAO Label	No UN Spec 1.2m Drop Test 3m Stack Test	Packing Instruction # in Association "IB" on Shipper's Dec
PI 969 Section I	3091 Lithium Metal Batteries Packed With Equipment	> 1g Lithium Content	Minimum to Power Equip + 2 Spare Sets	> 2g Lithium Content	Minimum to Power Equip + 2 Spare Sets	5kg (PAX) 35kg(CAO)	Yes	Class 9 Lithium Battery Label (+ CAO Label if > 5kg)	Yes (PGII)	Packed To Prevent Accidental Activation PAX - packed in intermediate/outer rigid metal packaging surrounded by non- conductive/combustible cushioning then inside an outer packaging.
PI 969 Section II	3091 Lithium Metal Batteries Packed w/Equipment	≤ 1g Lithium Content	Minimum to Power Equip + 2 Spare Sets	≤ 2g Lithium Content	Minimum to Power Equip + 2 Spare Sets	5kg (PAX & CAO)	No ¹	Lithium Battery Mark	No UN Spec 1.2m Drop Test	Packed to Prevent Accidental Activation
PI 970 Section I	3091 Lithium Metal Batteries Contained in Equipment	> 1g Lithium Content	N/A	> 2g Lithium Content	N/A	5kg (PAX) 35kg (CAO)	Yes	Class 9 Lithium Battery Label (+ CAO Label if > 5kg)	No UN Spec Suitable Material of Adequate Strength and Design. Strong Rigid Outer Packaging.	Packed to Prevent Accidental Activation and Damage due to Equipment Contact
PI 970 Section II	3091 Lithium Metal Batteries Contained in Equipment	≤ 1g Lithium Content	N/A	≤ 2g Lithium Content	N/A	5kg (PAX & CAO)	No ^{2/3}	Lithium Battery Mark ³	No UN Spec Suitable Material of Adequate Strength and Design. Strong Rigid Outer Packaging.	See PI 970 for RFID Tags. Packed to Prevent Accidental Activation and Damage due to Equipment Contact

1. "Lithium metal batteries, in compliance with Section II of PI969" on AWB.
 2. "Lithium metal batteries, in compliance with Section II of PI970" on AWB.
 3. Package w/ only button cell batteries installed in equipment (including circuit boards), or ≤ 4 cells or ≤ 2 batteries and ≤ 2 packages in consignment, no lithium battery mark or AWB statement required.