









# Lithium metal and lithium alloy cells or batteries - 2022 IATA DGR




	UN3090 - PI968 	UN3091 - PI969 	UN3091 - PI970 
Section	PI968 - Section IB	PI969 - Section II	PI970 - Section II
Description	Lithium Cells / Batteries loose (bulk)	Lithium Cells/Batteries packed with equipment	Lithium Cells / Batteries contained in equipment
Lithium metal cells / batteries capacity	Per cell: ≤ 1g Per battery: ≤ 2g	Per cell: ≤ 1g Per battery: ≤ 2g	Per cell: ≤ 1g Per battery: ≤ 2g
Maximum number of cells / batteries per package and packages/consignment	N/A	Those necessary to power the equipment and 2 spare sets (See "Note 2" for set details)	≤ 2 batteries or 4 cells ≤ 2 packages per consignment
Maximum net weight of cells / batteries per package	2.5 kg (CAO)	5 kg (PAX & CAO)	5 kg (PAX & CAO)
"Description of content" statement as per IATA DGR	"Dangerous goods as per associated Shipper's Declaration" and "CAO"	"Lithium metal batteries in compliance with Section II of PI969"	No Requirements
Required marks and labels	  		No Requirements  (See "Note 3")
Accepted in Time Definite International (door to door)	Yes - Service Code "HE" (See "Note 1")	Yes - Service Code "HM"	Yes - No Service Code Required
Account approval required for Time Definite Int'l	Yes	Yes	No
Requirements for Air Capacity Sales (airport to airport)	Select "DG" and mention "CAO" in the restricted commodity type	Select "LB" and mention "Section II" in the restricted commodity type	No Requirements

**Note 1:** Forbidden to, from, within the ASIA Pacific region due to air carriers restrictions.

(PAX – Passenger and Cargo Aircraft, CAO – Cargo Aircraft Only)

**Note 2:** A "set" of cells or batteries is the number of individual cells or batteries that are required to power each piece of equipment.

**Note 3:** For packages containing only button cell batteries installed in equipment (including circuit boards) it is not required to have the statement on the waybill and the Lithium Battery Mark  on the package.

**The Section II provisions of PI968 as shown in the 62nd edition (2021) of IATA DGR may continue to be used until 31 March 2022.**

Section	PI968 - Section IA 	PI969 & PI970 - Section I 
Per Cell: > 1g Per Battery: > 2g	UN specification packaging required Maximum net weight of cells/ batteries per package: 35 kg (CAO) Time Definite International - Service Code "HE". (See "Note 4") Air Capacity Sales - Select "DG" and mention "CAO".	UN specification packaging required for PI969 Maximum net weight of cells/ batteries per package: 5 KG (PAX) and 35 kg (CAO) Time Definite International - Service Code "HE". (See "Note 4") Air Capacity Sales – Select "DG" and mention "PAX" or "CAO" if applicable.

**Note 4:** Lithium batteries packed according to PI968 Section IA and PI969 & PI970 Section I are not accepted in Time Definite International when transported via road to/from an ADR member state.

PI968 Section IA / IB and PI969 & PI970 Section I - Cells and batteries must not be packed in the same outer packaging, or placed in an overpack with, dangerous goods classified in Class 1 (except 1.4S), Division 2.1, Class 3, Division 4.1 and Division 5.1. (For PI969 & PI970 Section I is a DHL requirement)

**IMPORTANT: RECALLED OR DEFECTED LITHIUM BATTERIES ARE FORBIDDEN FOR AIR TRANSPORT.**