Lithium metal and lithium alloy cells or batteries - 2023 IATA DGR



	UN3090 - PI968	UN3091 - PI969	UNS	3091 - 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	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	> 2 batteries or 4 cells and consignments with more than 2 packages with ≤ 2 batt. or 4 cells
Maximum net weight of cells / batteries per package	2.5 kg (CAO)	5 kg (PAX & 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	"Lithium metal batteries in compliance with Section II of PI970" (See "Note 3")
Required marks and labels	UN3090	UN3091	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	Yes - Service Code "HW"
Account approval required for Time Definite Int'l	Yes	Yes	No	Yes
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	Select "LB" and mention "Section II" in the restricted commodity type
Note 1: Forbidden to, from, within the ASIA Pacific region due to air carriers restrictions. (PAX – Passenger and Cargo Aircraft, CAO – Cargo Aircraft				

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 lithium battery mark has been revised to remove the requirement for a telephone number to be provided on the mark. There is a transition period until 31 December 2026 during which time the mark shown in the 63rd edition of the DGR may continue to be used.

Section	PI968 - Section IA
Per Cell: > 1g Per Battery: > 2g	UN specification packaging required Maximum net weight of cells/ batteries per package: 35 kg (CAC Time Definite International - Service Code "HE". (See "Note 4")





PI969 & PI970 - Section I

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.

P1968 Section IA / IB and P1969 & P1970 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)

Air Capacity Sales - Select "DG" and mention "CAO".