

Lithium ion and lithium polymer cells or batteries - 2023 IATA DGR



	UN3480 - PI965 	UN 3481 -PI966  	UN3481 - PI967 	
Section	PI965-Section IB	PI966 - Section II	PI967 - Section II	
Description	Lithium Cells / Batteries loose (bulk) Important: State of Charge (SoC) of the battery/ cell must not exceed 30%	Lithium Cells/Batteries packed with equipment	Lithium Cells / Batteries contained in equipment	
Lithium ion cells / batteries capacity	Per cell: ≤ 20Wh Per battery: ≤ 100Wh	Per cell: ≤ 20Wh Per battery: ≤ 100Wh	Per cell: ≤ 20Wh Per battery: ≤ 100Wh	Per cell: ≤ 20Wh Per battery: ≤ 100Wh
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	10 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 ion batteries in compliance with Section II of PI966"	No Requirements	"Lithium ion batteries in compliance with Section II of PI967" (See "Note 3")
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 "HD"	Yes – No Service Code Required	Yes - Service Code "HV"
Account approval required for Time Definite International	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: Limited service worldwide due to CAO limitations. For additional information please contact your local DHL representative.

(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 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	PI965 - Section IA (State of Charge (SoC) ≤ 30%)  	PI966 & PI967 - Section I 
Per Cell: > 20Wh Per Battery: > 100Wh	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 PI966 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 PI965 Section IA and PI966 & PI967 Section I are not accepted in Time Definite International when transported via road to/from an ADR member state.

PI965 Section IA / IB and PI966 & PI967 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 PI966 & PI967 Section I is a DHL requirement)

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