

Lithium ion and lithium polymer cells or batteries - 2022 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
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	10 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 ion batteries in compliance with Section II of PI966"	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 "HD"	Yes – No Service Code Required
Account approval required for Time Definite International	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: 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 Section II provisions of PI965 as shown in the 62nd edition (2021) of IATA DGR may continue to be used until 31 March 2022.			

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.