











# Lithium ion and lithium polymer cells or batteries - 2021 IATA DGR




	UN3480 - PI965 			UN 3481 -PI966 	UN3481 - PI967 		
<b>Description</b>	Lithium Cells / Batteries loose (bulk) <i>Important: State of Charge (SoC) of the battery/ cell must not exceed 30%</i>			Lithium Cells/Batteries packed with equipment	Lithium Cells / Batteries contained in equipment		
<b>Section</b>	<b>PI965 - Section II</b>			<b>PI966 - Section II</b>	<b>PI967 - Section II</b>		
<b>Lithium ion cells / batteries capacity</b>	Per cell or battery ≤ 2.7Wh	Per cell: > 2.7Wh but ≤ 20Wh	Per battery: > 2.7Wh but ≤ 100Wh	Per cell: ≤ 20Wh Per battery: ≤ 100Wh	Per cell: ≤ 20Wh Per battery: ≤ 100Wh	Per cell: ≤ 20Wh Per battery: ≤ 100Wh	Per cell: ≤ 20Wh Per battery: ≤ 100Wh
<b>Maximum number of cells / batteries per package and packages/consignment</b>	N/A	8 cells	2 batteries	> 2 batteries > 8 cells	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
<b>Maximum net weight of cells / batteries per package</b>	2.5 kg (CAO)	N/A	N/A	10 kg (CAO)	5 kg (PAX & CAO)	5 kg (PAX & CAO)	5 kg (PAX & CAO)
<b>"Description of content" statement as per IATA DGR</b>	"Lithium ion batteries in compliance with Section II of PI965" and "CAO"			"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")
<b>Required marks and labels</b>	 			  		No Requirements	 (See "Note 3")
<b>Accepted in Time Definite International (door to door)</b>	Yes - Service Code "HB" (See "Note 1")			Yes - Service Code "HE" (See "Note 1")	Yes - Service Code "HD"	Yes - No Service Code Required	Yes - Service Code "HV"
<b>Account approval required for Time Definite International</b>	Yes <i>Separate approval for PI965 Section II</i>			Yes	Yes	No	Yes
<b>Requirements for Air Capacity Sales (airport to airport)</b>	Select "LB" and mention "CAO" in the restricted commodity type			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:** The statement on the waybill and the Lithium Battery Mark  are not required for packages containing only **button cell batteries** installed in equipment (including circuit boards).



As of 1st of January 2021 the Lithium Battery Mark must have minimum dimensions 100 x 100 mm. For small package the dimensions may be reduced to minimum 100 x 70 mm.

<b>Section</b>	<b>PI965 - Section IA</b> (State of Charge (SoC) ≤ 30%)  	<b>PI966 &amp; PI967 - Section I</b> 
<b>Per Cell: &gt; 20Wh Per Battery: &gt; 100Wh</b>	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 and PI967 Section I is a DHL requirement)

**PI965 Section II:** Cells and batteries must not be packed in the same outer packaging with other dangerous goods. Cells and batteries must not be 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.

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