











Lithium metal and lithium alloy cells or batteries - 2016 IATA DGR



	UN3090 - PI968 				UN3091 - PI969 	UN3091 - PI970 	
Description	Lithium Cells / Batteries loose (bulk)				Lithium Cells/Batteries packed with equipment	Lithium Cells / Batteries contained in equipment	
Section	PI968 - Section II			PI968 - Section IB	PI969 - Section II	PI970 - Section II	
Lithium metal cells / batteries capacity	Per Cell or Battery ≤ 0.3g	Per Cell: > 0.3g but ≤ 1g	Per Battery: > 0.3g but ≤ 2g	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 and batteries per package	N/A	8 cells	2 batteries	>2 batteries > 8 cells	Those necessary to power the equipment and 2 spare	≤ 2 Batteries ≤ 4 Cells	> 2 Batteries > 4 Cells
Maximum net weight per package	2.5 kg (CAO)	N/A	N/A	2.5 kg (CAO)	5 kg (PAX & CAO)	5 kg (PAX & CAO)	5 kg (PAX & CAO)
"Description of content" statement as per IATA DGR	<i>"Lithium metal batteries in compliance with Section II of PI968" and "CAO"</i>			<i>"Dangerous goods as per attached Shipper's Declaration" and "CAO"</i>	<i>"Lithium metal batteries in compliance with Section II of PI969"</i>	See "Note 2"	<i>"Lithium metal batteries in compliance with Section II of PI970"</i>
Labeling	 			  		No Requirement	
Accepted in DHL TDI Express (door to door)	Forbidden			Yes (See "Note 1")	Yes	Yes	Yes
Account approval required for DHL TDI Express	N/A			Yes	Yes	No	Yes
Requirements for DHL ACS (airport to airport)	Select " LB " and mention " Section II " in the commodity tab			Select " D " or for US only " DG " and add a description in the commodity tab	Select " LB " and mention " Section II " in the commodity tab	No Requirement	Select " LB " and mention " Section II " in the commodity tab

Each consignment must be accompanied with a document with an indication that: "The package contains lithium metal cells or batteries; the package must be handled with care and that a flammability hazard exists if the package is damaged; special procedures must be followed in the event the package is damaged, to include inspection and repacking if necessary; and a telephone number for additional information". This document is required for any shipment where the lithium battery handling label is required (i.e. Section IB and Section II) and is intended to be separate from the package.

Note 1: Forbidden to, from, within the ASIA Pacific region due to air carrier restrictions

Note 2: - "Lithium metal batteries in compliance with Section II of PI970 (4 cells/2 batteries or less)" must be added for every shipments to, from, within the Asia Pacific region. This requirement is based on the Asia Pacific operators variations. However in this case the lithium battery handling label or additional documentation is not required. (PAX = Passenger and Cargo Aircraft, CAO = Cargo Aircraft Only)

Section	PI968 - Section IA  	PI969 & PI970 - Section I 
Per Cell: > 1g Per Battery: > 2g	Fully regulated dangerous goods - Class 9 - booking as CAO Accepted in DHL ACS (See "Note 3") CAO: ≤ 35 kg, UN specification packaging required	Fully regulated dangerous goods - Class 9 - booking as PAX and/or CAO Accepted in DHL ACS (See "Note 3") PAX: ≤ 5 KG or CAO: ≤ 35 kg, UN specification packaging required (only for PI969)

Note 3: Lithium batteries packed according to PI968 Section IA and PI969/ PI970 Section I are not accepted in DHL TDI Express when shipped via road to, from or transiting an ADR member state.

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