## Lithium Metal Batteries - 2015 Regulations (for US shipments see Note 4)



**PAX:** ≤ 5 KG and **CAO:** 5 Kg < CAO ≤ 35 kg

220	Batteries loose (Bulk) (forbidden from/to/within Asia for TDI network)				Batteries packed with equipment	Batteries contained in equipment	
	Section II			Section IB	Section II	Section II	
	Lithium metal cells and batteries with a lithium content not more than 0,3 g	Lithium metal cells with a lithium content more than 0,3 g, but not more than 1 g.	Lithium metal batteries with a lithium content more than 0,3 g, but not more than 2 g.	Lithium metal batteries with a lithium content of not more than 2 g for batteries and not more than 1 g for cells	Lithium metal batteries with a lithium content of not more than 2 g for batteries and not more than 1 g for cells	Lithium metal batteries with a lithium content of not more than 2 g for batteries and not more than 1 g for cells	
Maximum number of batteries / cells per	No limit	8 cells	2 batteries	> 2 batt	Those necessary to power the equipment and 2	≤ 2 batt	> 2 batt
package				> 8 cells	spares	≤ 4 cells	> 4 cells
Max. net quantity (mass) per package	2,5 Kg	N/A	N/A	2,5 Kg UN specification packaging not required. (See Note 1)	5 Kg (PAX and CAO)	N/A	5 Kg (PAX and CAO)
"The Nature and Quantity of Goods" box of the Air Waybill (See Note 2)	"Lithium metal batteries in compliance with Section II of PI 968" and "Cargo aircraft only"			"Dangerous goods as per attached Shipper's Declaration" and "Cargo Aircraft Only""	"Lithium metal batteries in compliance with Section II of PI 969"	No requirements (See Note 3)	"Lithium metal batteries in compliance with Section II of PI 970"
Labelling	CARGO AIRCRAFT  CAN 1987  CAN 1987			CARGO ARCRAF	C AL SOURCE  Source Control of Control  Source Control of Control  Source Control of Control  Source Control	No requirements	TO THE PROPERTY OF THE PROPERT
TDI products	FORBIDDEN in TDI Express			Approved account required	Approved account required	TDI, ACS	Approved account required
ACS products	Select "LB" and mention "Section II" in the commodity tab			Select " <b>D"</b> or for US only " <b>DG"</b> and add a description in the commodity tab	Select "LB" and mention "Section II" in the commodity tab	No further requirements	Select "LB" and mention "Section II" in the commodity tab
Lithium metal batteries with a lithium content of more than 2 g for batteries and more			e tests	CARGO AIRCRAFT	Section I - requirements  ACS only - Class 9 - booking as PAX and/or CAO UN spec. packaging - PG II perf. tests (only PI 969) Special packing requirements for PAX (only PI 969)		

NOTE 1: For cells or batteries shipped under the provisions of Section IA, IB and I a Shipper's Declaration must be provided

CAO only: CAO ≤ 35 kg

than 1 g for cells

NOTE 2: A document must be attached to the package mentioning: "The package contains lithium metal cells or batteries. Handle with care as 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. 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 to the package.

NOTE 3: If there are less than/equal 4cells/2 batteries contained in equipment then "Lithium metal batteries in compliance with Section II of PI970 (4 cells/2 batteries or less)" must be added in the nature and quantity of goods box of the air waybill for all shipments to/from/within 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.

NOTE 4: Packages complying with the Section II (PI968, PI969 and PI970) must be marked with : "PRIMARY LITHIUM BATTERIES — FORBIDDEN FOR TRANSPORT ABOARD PASSENGER AIRCRAFT" (US only) or "LITHIUM METAL BATTERIES — FORBIDDEN FOR TRANSPORT ABOARD PASSENGER AIRCRAFT."