

Lithium ion metal batteries Chart

		UN3480 PI965 Lithium ion batteries		UN3090 PI968 Lithium metal batteries		UN3481 PI966 Lithium ion batteries packed with equipment PI967 Lithium ion batteries contained in equipment		UN3091 PI969 Lithium metal batteries packed with equipment PI970 Lithium metal batteries contained in equipment	
		Section- I A	Section- I B	Section- I A	Section- I B	Section- I	Section- II	Section- I	Section- II
		RBI/CAO		RBM/CAO		RLI	ELI	RLM	ELM
Section Instructions	Cells	more than 20Wh	not more than 20Wh	more than 1g	not more than 1g	more than 20Wh	not more than 20Wh	more than 1g	not more than 1g
	Batteries	more than 100Wh	not more than 100Wh	more than 2g	not more than 2g	more than 100Wh	not more than 100Wh	more than 2g	not more than 2g
Max number of cells/batteries per package	Cells	No limit		No limit		PI966 must not exceed th number required for the equipment's operation, plus two spare sets. PI967 is no limit		PI969 must not exceed th number required for the equipment's operation, plus two spare sets. PI970 is no limit	
	Batteries	No limit		No limit		PI966 must not exceed th number required for the equipment's operation, plus two spare sets. PI967 is no limit		PI969 must not exceed th number required for the equipment's operation, plus two spare sets. PI970 is no limit	
Max Net Qty/Pkg	Net quantity per package	PAX/Forbidden CAO/35kg	PAX/Forbidden CAO/10kg	PAX/Forbidden CAO/35kg	PAX/Forbidden CAO/2.5kg	PAX/5kg CAO/35kg	PAX/5kg CAO/5kg	PAX/5kg CAO/35kg	PAX/5kg CAO/5kg
Documentation	DGD	○ PI: [965]] Authorization: Vacant.	○ PI: [965 IB]] or Authorization: [IB]	○ PI: [968]] Authorization: Vacant.	○ PI: [968 IB]] or Authorization: [IB]	○	×	○	×
	※AWB Notation	①	①	①	①	②	③	②	④
	NH-08 Packing Confirmation Sheet	×	○	×	○				
	NH-09 Must indicate the HAWB number, the number of packages containing batteries and the net quantity of batteries per each package on the AWB	×	×	×	×				
	NH-10 No more than 30% state of charge	○ Indicate on DGD	○ Indicate on DGD	×	×				
PACKAGINGS Label	UN specification Packaging	○	×	○	×	PI966○ PI967 x	×	PI969○ PI970 x	×
	Class 9 Lithium Battery hazard label						×		×
	Lithium battery mark	×		×		×		×	
	Cargo Aircraft Only label					Package of CAO Net quantity is required	Package of CAO Net quantity is required	Package of CAO Net quantity is required	Package of CAO Net quantity is required
	※Overpack	meet the provisions of 5.0.1.5	meet the provisions of 5.0.1.5	meet the provisions of 5.0.1.5	meet the provisions of 5.0.1.5	meet the provisions of 5.0.1.5	meet the provisions of 5.0.1.5 When packages must be secured within the overpack: (a) the packages must be secured within the overpack. (b) the intended function of each package must not be impaired by the overpack.	meet the provisions of 5.0.1.5	meet the provisions of 5.0.1.5 When packages must be secured within the overpack: (a) the packages must be secured within the overpack. (b) the intended function of each package must not be impaired by the overpack.
	All Packed in One	meet the provisions of 5.0.2.11	meet the provisions of 5.0.2.11	meet the provisions of 5.0.2.11	meet the provisions of 5.0.2.11	meet the provisions of 5.0.2.11	○	meet the provisions of 5.0.2.11	○
	Shipper's Load ULD (BUP)	Not Available	Not Available	Not Available	Not Available	Not Available	Available	Not Available	Available
Other Points of Attention						PI967 Section- II Neither the lithium battery mark nor the AWB mark is required if only button-type single batteries built into the equipment (including circuit boards) in the package are contained, or if the shipment consists of two or fewer packages, each of which contains four or fewer single batteries or two or fewer pairs of batteries built into the equipment.		PI970 Section- II Neither the lithium battery mark nor the AWB mark is required if only button-type single batteries built into the equipment (including circuit boards) in the package are contained, or if the shipment consists of two or fewer packages, each of which contains four or fewer single batteries or two or fewer pairs of batteries	

※AWB Notation
 ① Dangerous Goods as per Attached (or Associated) DGD "Cargo Aircraft Only"
 ② Dangerous Goods as per Attached (or Associated) DGD
 ③ Lithium ion batteries in compliance with Section II of PI9xx
 ④ Lithium metal batteries in compliance with Section II of PI9xx

※Overpack
 The overpack may also contain packages of dangerous goods, other than dangerous goods classified in Class 1 other than Division 1.4S, Division 2.1, Class 3, Division 4.1 and Division 5.1, or dangerous goods not subject to these Regulations provided that the packages do not contain substances which might react dangerously with each other.

Notes: ○ means necessary, × means unnecessary.

ANA Cargo shall not be held responsible for the accuracy, reliability or currency of this Chart.
 Please always make sure to check the newest DGR.