

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- II	Section- I A	Section- I B	Section- II	Section- I	Section- II	Section- I	Section- II		
		RBI/CAO		EBI/CAO	RBM/CAO		EBM/CAO	RLI	ELI	RLM	ELM		
Section Instructions	Cells	more than 20Wh	more than 2.7Wh but not more than 20Wh	not more than 2.7Wh	more than 1g	more than 0.3g but not more than 1g	not more than 0.3g	more than 20Wh	not more than 20Wh	more than 1g	not more than 1g		
	Batteries	more than 100Wh	more than 2.7Wh but not more than 100Wh		more than 2g	more than 0.3g but not more than 1g		more than 100Wh	not more than 100Wh	more than 2g	not more than 2g		
Max number of cells/batteries per package	Cells	No limit		8 cells	No limit	No limit		8 cells	No limit	PI966 must not exceed the number required for the equipment's operation, plus two spare sets. PI967 is no limit			
	Batteries	No limit		2 Batteries	No limit	No limit		2 Batteries	No limit	PI969 must not exceed the 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	No limit	2.5kg※	PAX/Forbidden CAO/35kg	PAX/Forbidden CAO/2.5kg	No limit	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	②	①	①	③	④	⑤	④	⑥		
	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 or AWB	○ indicate on DGD or AWB	○ indicate on AWB	×	×	×						
PACKAGINGS Label	UN specification Packaging	○	×	×	○	×	×	PI966○ PI967×	×	PI969○ PI970×	×		
	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	①	meet the provisions of 5.0.1.5	meet the provisions of 5.0.1.5	①	meet the provisions of 5.0.1.5	do not contain substances which might react dangerously with each other	meet the provisions of 5.0.1.5	do not contain substances which might react dangerously with each other		
	All Packed in One	meet the provisions of 5.0.2.11	meet the provisions of 5.0.2.11	Do not be packaged with other dangerous goods	meet the provisions of 5.0.2.11	meet the provisions of 5.0.2.11	Do not be packaged with other dangerous goods	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	Not Available	Not Available	Available	Not Available	Available		
Other Points of Attention			No more than one (1) package of 1AWB (1HAWB)			No more than one (1) package			PI967 Section- II The application of the lithium battery mark and AWB Notation does not apply to consignment of two packages of less where each package contains no more than four cells or two batteries installed in equipment		PI970 Section- II The application of the lithium battery mark and AWB Notation does not apply to consignment of two packages of less where each package contains no more than four cells or two batteries installed in equipment		
			No more than one (1) package complying with the requirements may be placed in an overpack.			No more than one (1) package complying with the requirements may be placed in an overpack.							

※AWB Notation
 ① Dangerous Goods as per Attached (or Associated) DGD "Cargo Aircraft Only"
 ② "Lithium ion batteries in compliance with Section II of PI965"
 ③ "Lithium ion batteries in compliance with Section II of PI968"
 ④ Dangerous Goods as per Attached (or Associated) DGD
 ⑤ "Lithium ion batteries in compliance with Section II of PI966"
 ⑥ "Lithium metal batteries in compliance with Section II of PI969"

※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.
 ※More than 2.5kg will be Section IB.
 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 DGD.