




리튬배터리 세부 규정

구분		UN3480/UN3090[PI965/968] (순수 배터리만 포장)			UN3481/UN3091[PI966,967/969,970] (배터리와 기기 포장)	
Section		Section IA (RBI/RBM)	Section IB (RBI/RBM)	Section II (E BI/ E BM)	Section I (RLI/RLM)	Section II (ELI/ELM)
기준	이온	○ Per Cell: > 20Wh ○ Per Battery: > 100Wh	○ Per Cell: ≤ 20Wh ○ Per Battery: ≤ 100Wh	※ 참조 1	○ Per Cell: > 20Wh ○ Per Battery: > 100Wh	○ Per Cell: ≤ 20Wh ○ Per Battery: ≤ 100Wh
	메탈	○ Per Cell: > 1g ○ Per Battery: > 2g	○ Per Cell: ≤ 1g ○ Per Battery: ≤ 2g		○ Per Cell: > 1g ○ Per Battery: > 2g	○ Per Cell: ≤ 1g ○ Per Battery: ≤ 2g
포장재 당 제한 무게		35 kg	○ RBI : 10 kg ○ RBM : 2.5 kg		35 kg	5 kg
라벨 (구 라벨은 2018. 12. 31 까지 유효)						
UN 포장재 사용 여부		UN 포장재	불요	불요	○ PI966/969 : UN 포장재 ○ PI967/970 : 불요	불요
총전량 (only Ion Battery)		30 % 이하 ※ 서류(DGD,AWB 등)기재 : SOC is not more than 30%			제한 사항 없음	제한 사항 없음
포장 개수 (overpack 포함)		제한 사항 없음		1 개 (다른위험물과 함께 포장금지)	제한 사항 없음	제한 사항 없음
CONSOL 관련		CONSOL 금지(단, 1Master 1House 일경우 가능)			CONSOL 금지(단, 1Master 1House 일경우 가능)	제한 없음
예약시 입력 사항		--		○ Only FRTR	--	○ OK TO PAX
서류		○ 화주신고서 ○ 접수점검표 ○ NOTOC	○ 화주신고서 ○ 접수점검표 ○ NOTOC	※ 참조 2 ②	○ 화주신고서 ○ 접수점검표 ○ NOTOC	※ 참조 2 ①
탑재 제한		○ 화물기 L/Deck 탑재 (여객기 탑재 금지) ○ Class 1/3, DIV2.1/4.1/5.1 과 1 POS 이격		여객기 금지 (Only 화물기)	○ 화물기 L/Deck 탑재 (여객기 탑재 금지) ○ Class 1/3 와 1POS 이격	제한 없음






※ 참조 1

○ Ion : Cell, Battery ≤ 2.7 wh ○ Metal : Cell, Battery ≤ 0.3 g	○ Ion : 2.7wh < Cell ≤20 wh ○ Metal : 0.3 g < Cell ≤ 1 g	○ Ion : 2.7wh< Battery ≤100 wh ○ Metal : 0.3 g < Battery ≤ 2 g
○ 포장재당 개수 제한 없음 ○ 포장재당 2.5kg 까지	○ 포장재당 8 개로 제한	○ 포장재당 2 개로 제한

※ 참조 2 : 필수 기재 사항

구분	기재 사항
① AWB 기재	Lithium (ion/metal) batteries in compliance with Section II of PI000
② AWB 기재	"Lithium (ion/metal) batteries in compliance with Section II of PI 965/968" and "Cargo Aircraft Only" or "CAO"

Lithium Battery Regulations

Contents		UN3480/UN3090[PI965/968] (Only Batteries)			UN3481/UN3091[PI966,967/969,970] (Batteries with equipment)	
Section		Section IA (RBI/RBM)	Section IB (RBI/RBM)	Section II (E BI/ E BM)	Section I (RLI/RLM)	Section II (ELI/ELM)
Standard	Ion	<ul style="list-style-type: none"> ○ Per Cell: > 20Wh ○ Per Battery: > 100Wh 	<ul style="list-style-type: none"> ○ Per Cell: ≤ 20Wh ○ Per Battery: ≤ 100Wh 	※ Reference 1	<ul style="list-style-type: none"> ○ Per Cell: > 20Wh ○ Per Battery: > 100Wh 	<ul style="list-style-type: none"> ○ Per Cell: ≤ 20Wh ○ Per Battery: ≤ 100Wh
	Metal	<ul style="list-style-type: none"> ○ Per Cell: > 1g ○ Per Battery: > 2g 	<ul style="list-style-type: none"> ○ Per Cell: ≤ 1g ○ Per Battery: ≤ 2g 		<ul style="list-style-type: none"> ○ Per Cell: > 1g ○ Per Battery: > 2g 	<ul style="list-style-type: none"> ○ Per Cell: ≤ 1g ○ Per Battery: ≤ 2g
W/T limit per Package		35 kg	<ul style="list-style-type: none"> ○ RBI : 10 kg ○ RBM : 2.5 kg 		35 kg	5 kg
Label (old label can Be used until 2018. 12.31)						
UN Packaging		Packaging	Not Necessary	Not Necessary	<ul style="list-style-type: none"> ○ PI966/969 :UN Packaging ○ PI967/970 :Not Necessary 	Not Necessary
SOC (only Ion Battery)		Not more than 30% ※ Statement on DGD or AWB : "SOC is not more than 30%"			NO LIMIT	NO LIMIT
Pc limit (Including overpack)		NO LIMIT		1 PC (No packing with Other DG)	NO LIMIT	NO LIMIT
CONSOL		Forbidden (but, except for 1Master 1House)			Forbidden (but, except for 1Master 1House)	NO LIMIT
Remarks on Reservation		--		○ Only FRTR	--	○ OK TO PAX
Documents		<ul style="list-style-type: none"> ○ DGD ○ Checklist ○ NOTOC 	<ul style="list-style-type: none"> ○ DGD ○ Checklist ○ NOTOC 	※ Reference 2 ②	<ul style="list-style-type: none"> ○ DGD ○ Checklist ○ NOTOC 	※ Reference 2 ①
Loading Restriction		<ul style="list-style-type: none"> ○ FRTR L/deck only (Forbidden for PAX FLT) ○ Segregated 1 POS with Class 1/3, DIV 2.1/4.1/5.1 		Forbidden for PAX FLT (Only FRTR)	<ul style="list-style-type: none"> ○ FRTR L/deck only (Forbidden for PAX FLT) ○ Segregated 1 POS with Class 1/3 	NO LIMIT

※ Reference 1

<ul style="list-style-type: none"> ○ Ion : Cell, Battery ≤ 2.7 wh ○ Metal : Cell, Battery ≤ 0.3 g 	<ul style="list-style-type: none"> ○ Ion : 2.7wh < Cell ≤20 wh ○ Metal : 0.3 g < Cell ≤ 1 g 	<ul style="list-style-type: none"> ○ Ion : 2.7wh< Battery ≤100 wh ○ Metal : 0.3 g < Battery ≤ 2 g
<ul style="list-style-type: none"> ○ No Limit ○ 2.5 kg per package 	<ul style="list-style-type: none"> ○ 8 ea of cells per package 	<ul style="list-style-type: none"> ○ 2 ea of batteries per package

※ Reference 2 : Mandatory statement

Contents	Statements
① On AWB	Lithium (ion/metal) batteries in compliance with Section II of PI000
② On AWB	"Lithium (ion/metal) batteries in compliance with Section II of PI 965/968" and "Cargo Aircraft Only" or "CAO"