

리튬배터리 세부 규정

구분	UN3480/UN3090[PI965/968] (순수 배터리)			UN3481/UN3091[PI966,967/969,970] (배터리+기기 포장)	
Section	Section IA (RBI/RBM)	Section IB (RBI/RBM)	Section II (EBI/EBM)	Section I (RLI/RLM)	Section II (ELI/ELM)
기준	이온 > 20Wh / Cell > 100Wh / Battery	≤ 20Wh / Cell ≤ 100Wh / Battery	※ 참조 1	> 20Wh / Cell > 100Wh / Battery	≤ 20Wh / Cell ≤ 100Wh / Battery
	메탈 > 1g / Cell > 2g / Battery	≤ 1g / Cell ≤ 2g / Battery		> 1g / Cell > 2g / Battery	≤ 1g / Cell ≤ 2g / Battery
포장재 당 무게 제한	35 kg	○ RBI : 10 kg ○ RBM : 2.5 kg		35 kg	5 kg
라벨					
UN 포장용기 필요 여부	필요	불요	불요	○ PI966/969 : 필요 ○ PI967/970 : 불요	불요
충전량 (only Ion Battery)	30%이하로 충전 ※ 서류(DGD or AWB) 기재 문구 "SOC is not more than 30%"			제한 사항 없음	제한 사항 없음
포장개수 (overpack 포함)	제한 사항 없음		1 PC (다른 위험물과 함께 포장 금지)	제한 사항 없음	제한 사항 없음
CONSOL 관련	CONSOL 금지 (단, 1Master 1House 경우 가능)			CONSOL 금지 (단, 1Master 1House 경우 가능)	제한 사항 없음
예약 시 입력사항	-		Only FRTR	-	OK TO PAX
서류	○ DGD ○ Checklist ○ NOTOC	○ DGD ○ Checklist ○ NOTOC	AWB ※ 참조 2-2	○ DGD ○ Checklist ○ NOTOC	AWB ※ 참조 2-1
탑재 제한	○ Only FRTR L/D ○ 1 POS 이격 ↔ CLS 1/3, DIV 2.1/4.1/5.1		Only FRTR	○ Only FRTR L/D ○ 1 POS 이격 ↔ CLS 1/3	제한 사항 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 : AWB 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 IA (RBI/RBM)	Section IB (RBI/RBM)	Section II (EBI/EBM)	Section I (RLI/RLM)	Section II (ELI/ELM)
Standard	Ion	> 20Wh / Cell > 100Wh / Battery	≤ 20Wh / Cell ≤ 100Wh / Battery	※ Ref. 1	> 20Wh / Cell > 100Wh / Battery	≤ 20Wh / Cell ≤ 100Wh / Battery
	Metal	> 1g / Cell > 2g / Battery	≤ 1g / Cell ≤ 2g / Battery		> 1g / Cell > 2g / Battery	≤ 1g / Cell ≤ 2g / Battery
WT limit / PKG		35 kg	○ RBI : 10 kg ○ RBM : 2.5 kg		35 kg	5 kg
Label						
UN PKG.		UN PKG.	Not Necessary	Not Necessary	○ PI966/969 - UN PKG. ○ 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
Doc.		○ DGD ○ Checklist ○ NOTOC	○ DGD ○ Checklist ○ NOTOC	AWB ※ Ref. 2-2	○ DGD ○ Checklist ○ NOTOC	AWB ※ Ref. 2-1
Loading Restriction		○ Only FRTR L/D ○ Segregated 1 POS from CLS 1/3, DIV 2.1/4.1/5.1		Only FRTR	○ Only FRTR L/D ○ Segregated 1 POS from CLS 1/3	NO LIMIT

※ Ref. 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
○ No Limit ○ 2.5 kg per package	○ 8 ea of cells per package	○ 2 ea of batteries per package

※ Ref. 2 : Mandatory statement on AWB

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"