

2025 CAL Lithium and Sodium Ion Batteries Reference Table

Packing Instruction No	PI965		PI966		PI967		PI968		PI969		PI970		PI976	PI977		PI978		
Description	Lithium Ion Batteries (Rechargeable)		Lithium Ion Batteries (Rechargeable)		Lithium Ion Batteries (Rechargeable)		Lithium Metal Batteries (Non-Rechargeable)		Lithium Metal Batteries (Non-Rechargeable)		Lithium Metal Batteries (Non-Rechargeable)		Sodium Ion Batteries (Rechargeable)	Sodium Ion Batteries (Rechargeable)		Sodium Ion Batteries (Rechargeable)		
	Batteries only		Batt. Packed with Equip.		Batt. Contained in Equip.		Batteries only		Batt. Packed with Equip.		Batt. Contained in Equip.		Batteries only	Batt. Packed with Equip.		Batt. Contained in Equip.		
UN Number	UN3480		UN3481		UN3481		UN3090		UN3091		UN3091		UN3551	UN3552		UN3552		
Proper Shipping Name	Lithium ion Batteries		Lithium ion batteries packed with equipment		Lithium ion batteries contained in equipment		Lithium metal Batteries		Lithium metal batteries packed with equipment		Lithium metal batteries contained in equipment		Sodium ion Batteries	Sodium ion batteries packed with equipment		Sodium ion batteries contained in equipment		
Sample																		
Section	IA	IB	I	II	I	II	IA	IB	I	II	I	II			I	II	I	II
IATA IMP CODE	RBI	RBI	RLI	ELI	RLI	ELI	RBM	RBM	RLM	ELM	RLM	ELM	RBI		RLI	ELI	RLI	ELI
Criteria	Batt > 100Wh or Cell > 20Wh	Batt ≤ 100Wh or Cell ≤ 20Wh	Batt > 100Wh or Cell > 20Wh	Batt ≤ 100Wh or Cell ≤ 20Wh	Batt > 100Wh or Cell > 20Wh	Batt ≤ 100Wh or Cell ≤ 20Wh	Batt > 2g or Cell > 1g	Batt ≤ 2g or Cell ≤ 1g	Batt > 2g or Cell > 1g	Batt ≤ 2g or Cell ≤ 1g	Batt > 2g or Cell > 1g	Batt ≤ 2g or Cell ≤ 1g			Batt > 100Wh or Cell > 20Wh	Batt ≤ 100Wh or Cell ≤ 20Wh	Batt > 100Wh or Cell > 20Wh	Batt ≤ 100Wh or Cell ≤ 20Wh
Hazard Label (Class 9)				X		X				X		X				X		X
Handling Label (CAO)			 CAO required when > 5kg/pkg	X	 CAO required when > 5kg/pkg	X			 CAO required when > 5kg/pkg	X	 CAO required when > 5kg/pkg	X		 CAO required when > 5kg/pkg	X	 CAO required when > 5kg/pkg	X	 CAO required when > 5kg/pkg
Battery Mark	X		X		X		X		X		X		X	X	X		X	
DGD	O	O	O	X	O	X	O	O	O	X	O	X	O	O	X	O	O	X
NOTOC	O	O	O	X	O	X	O	O	O	X	O	X	O	O	X	O	O	X
UN Packaging (PG II)	O	X (1.2m drop test)	O (Batteries)	X	X	X	O	X (1.2m drop test)	O (Batteries)	X	X	X	O	O (Batteries)	X	X	X	X
CI Segregation	Packages and overpacks containing RBI/RBM/RLI/RLM must be segregated from class 1~ 8 dangerous goods.																	
AWB Statement	Section IA/IB of PI965/968, Section I of PI966/967/969/970, PI976 : (Handling information) Dangerous goods as per associated DGD, CAO. (Note: CAO is applicable when needed.)																	
	Section II : (Nature and Quantity of Goods) Lithium ion/lithium metal/sodium ion batteries in compliance with section II of PI966/967/969/970/977/978.																	
SoC	Must be offered for transport at state of charge (SoC) ≤ 30%			X									Must be offered for transport at state of charge (SoC) ≤ 30%			X		
Vehicle	Where the batteries are installed in vehicles, please select UN3171/UN3556/UN3557/UN3558 as appropriate.																	
CI Policy (CI-01/09)	Same as DGR		FRTR only	FRTR & PAX	FRTR only	FRTR & PAX	Forbidden and permitted as COMAT & R.O.C shipment only.		FRTR only	FRTR & PAX	FRTR only	FRTR & PAX	Same as DGR		FRTR only	FRTR & PAX	FRTR only	FRTR & PAX
CI Loading Restriction	Lower deck only, no bulk		Lower deck, no bulk	No restriction	Lower deck, no bulk	No restriction	Lower deck only, no bulk		Lower deck, no bulk	No restriction	Lower deck, no bulk	No restriction	Lower deck only, no bulk		Lower deck, no bulk	No restriction	Lower deck, no bulk	No restriction