

DANGEROUS GOODS

CARRIAGE OF BATTERIES



What batteries can be carried on an Alliance Airlines aircraft?
[View CASA Safety Video - Travelling safely with lithium batteries](#)

Battery Type	Examples	Batteries	Carry-On Baggage	Checked Baggage	Operator Approval	Number of Spares
Dry Alkaline maximum voltage 12 V	AA, AAA,C,D, 9-volt and button type	In equipment	YES	YES	Not required	Limited to reasonable amount need for personal use. Protected from short circuit by original packaging or terminals taped Placed in separate bag or protective pouch
		Spares	YES	NO		
Dry Rechargeable less than 100Wh	Nickel Metal Hydride (NiMH) Nickel Cadmium (NiCad)	In equipment	YES	YES recommended in carry on	Not required	Limited to reasonable amount needed for personal use. Protected from short circuit by original packaging or terminals taped Placed in separate bag or protective pouch
		Spares	YES	NO		
Sealed Lead Acid Batteries (Non-spillable only) Batteries must be 12v or less and 100Wh or less	Gel type AGM (Absorbed Glass Matt)	In equipment	YES	YES	Not required	Limited to TWO Protected from short circuit by original packaging or terminals taped Placed in separate bag or protective pouch
		Spares	YES	NO		
Lithium-ion or polymer -Rechargeable up to 100 Wh	AA, AAA sized cells small batteries for phones/ tablets/ cameras	In equipment	YES	YES recommended in carry on	Not required	Limited to reasonable amount needed for personal use. Protected from short circuit by original packaging or terminals taped Placed in separate bag or protective pouch
		Spares	YES	NO		
Rechargeable 101 - 160 Wh	Larger cells for Commercial cameras, video equipment Larger laptops or extended life batteries and power tools	In equipment	YES	YES recommended in carry on	Operator approval required by Alliance Airlines	Limited to TWO Protected from short circuit by original packaging or terminals taped Placed in separate bag or protective pouch
		Spares	YES	NO		
Lithium Metal Non-rechargeable less than 2 grams of lithium	AA or AAA cells	In equipment	YES	YES recommended in carry on	Not required	Limited to reasonable amount needed for personal use. Protected from short circuit by original packaging or terminals taped Placed in separate bag or protective pouch
		Spares	YES	NO		

Non-rechargeable - **more
than 2 grams of lithium**

**Electric bicycles,
electric vehicle packs,
larger power tools**

FORBIDDEN ON PASSENGER AIRCRAFT

Rechargeable - **above 160
Wh**

Must only be carried as Cargo/Freight in accordance with Dangerous Goods Regulations.

Watt hours (Wh) = Amps (Ah) x Voltage (v)

SPARE BATTERIES MAY NOT BE PLACED IN CHECKED BAGGAGE AT ANY TIME

BATTERIES CONTAINED IN EQUIPMENT MUST BE SWITCHED OFF AND PROTECTED FROM ACCIDENTAL ACTIVATION

ANY OTHER BATTERY TYPE NOT LISTED MUST BE ASSESSED BY THE DG COORDINATOR AND MAY REQUIRE DG ACCEPTANCE VIA A FREIGHT AGENT

For any queries or concerns with the above information contact Alliance Airlines Network Operations on +61 7 3212 1532.