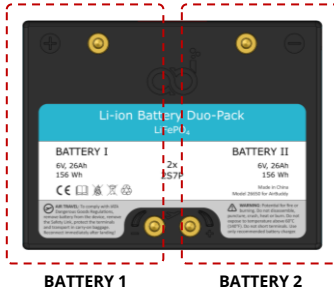


AIR TRAVEL DECLARATION

Lithium-ion battery duo-pack
for use with the AirBuddy dive system



13 Dec 2022



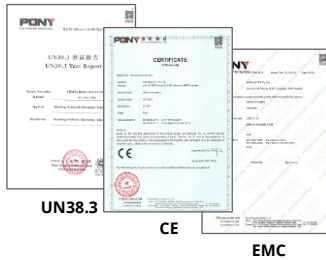
Battery design compliant with IATA DGR

The AirBuddy battery has been designed to **comply with the IATA DGR** (Dangerous Goods Regulation) and **reviewed by CASA** (Civil Aviation Safety Authority).

Constructed as a battery duo-pack, comprising of **2 internal batteries** with LiFePO₄ (Lithium Iron Phosphate) cells, **each rated 156 Wh** (6V, 26Ah), protected by an internal BMS (Battery Management System) and enclosed in a single housing with 4 terminals.

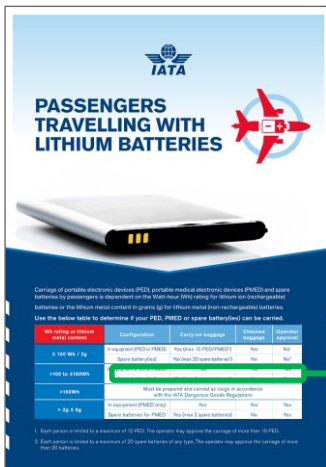
IATA Lithium Battery Guidance Document 2022:

<https://www.iata.org/contentassets/05e6d8742b0047259bf3a700bc9d42b9/lithium-battery-guidance-document.pdf>



Battery certified according to UN 38.3, CE, EMC

The battery has been **tested and certified** according to Part III, Sub-section **38.3 of the UN Manual of Tests and Criteria**. Additionally, it holds CE and EMC certification.



IATA Passengers traveling with lithium batteries

Air travel with lithium battery(ies) is subject to Dangerous Goods Regulation (DGR) by IATA, in conjunction with other regulations from international or national bodies such as ICAO, UN, FAA, CASA, etc.

DGR allows air travel with up to two spare batteries between 100 and 160 Wh (i.e. one AirBuddy battery duo-pack) per person aboard a passenger airplane upon an approval by the airline staff and subject to specific transport conditions.

	Configuration	Carry-on baggage	Checked baggage	Operator approval
>100 to ≤160Wh	Spare battery(ies)	Yes (max 2 spare batteries)	No	Yes

Passengers traveling with lithium batteries:
<https://www.iata.org/contentassets/6fea26dd84d24b26a7a1fd5788561d6e/passenger-lithium-battery.pdf>

- ✓ Max 2 batteries >100 to ≤160Wh (or one battery duo-pack)
- ✓ Must be in carry-on baggage
- ✓ Operator approval required
- ✓ Terminals must be protected



No transportation of damaged batteries!

Lithium-ion batteries that are damaged or otherwise defective are **STRICTLY FORBIDDEN** for transport by air.

AIR TRAVEL DECLARATION

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Example of dangerous goods operator (airline) approval letter

Dangerous Goods operator (airline) approval

Approved to carry:	Lithium Ion Batteries exceeding 100Wh but not exceeding 160Wh and up to Two Spares for Portable Electronic Devices (excluding Power Tools)
Approval number:	GDG00 [REDACTED]
Approved period:	January 1, 2022 - December 31, 2022
Approved passenger:	[REDACTED]


⚠ This approval must be presented to a Customer Service Agent/Officer every time you are checking in for a flight

Customer Service Agent/Officer must verify the following Carriage Requirements are met:

Portable Electronic Devices

1. The ON/OFF switch on all devices must be protected from turning on e.g. taped


Carry-On Baggage	Checked Baggage
✓	✓



Spare Batteries / PowerBanks

1. No more than two spare batteries exceeding 100Wh but not exceeding 160Wh permitted per passenger.
2. The terminals must be individually protected from short circuiting e.g. taped, individual plastic bags, etc


Carry-On Baggage	Checked Baggage
✓	✗



This approval is only valid on Qantas/ Jetstar Groups. If travelling or transferring to another airline you should contact them prior to travel.

Enquiries may be directed to Group Dangerous Goods.
e-mail: dq@qantas.com.au

PENALTIES APPLY FOR NON-DECLARATION OF DANGEROUS GOODS



This approval is issued in accordance with regulatory requirements. (01/22)