



# New zealand solar battery cabinet air transport capacity restrictions



## Overview

Flex-volt batteries with travel caps, that have combined Watt-hours that exceed 160Wh, will not be permitted to travel on passengers' aircraft from 20 March 2026. AvSec previously considered the flex-volt batteries, including DeWalt Flex-volt, as three separate batteries contained in a single case. This page will help you find which batteries and devices are prohibited, which are allowed and where to pack them. For everyone's safety, we have rules for bringing them on your flight. Whether you're wanting to understand more about the technology, how to participate in the electricity market, or different types of systems, this. This document is based on the provisions set out in the 2025-2026 Edition of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Technical Instructions) and the 67th Edition (2026) of the IATA Dangerous Goods Regulations (DGR). Some items are restricted: you will need approval to import or export these items. You may not be able to bring some medicines or controlled. The installation of Battery Energy Storage Systems (BESS) is governed by stringent safety standards as outlined in AS/NZS 5139:2019, specifically in sections 4, 5, and 6. These sections impose explicit restrictions on permissible installation locations to mitigate safety risks.

## Article Content

### Battery Location Restrictions from AS/NZS 3000:2018

The installation of BESS must strictly adhere to the location restrictions set forth in AS/NZS 5139:2019, with additional consideration given to ...

### Dangerous Goods Policy | Help

FRE has restricted itself to certain classes or divisions of DGs that do not require segregation during transport. Refer to Tables A and B to identify which DGs we accept and for any additional limitations ...

### Prohibited and restricted items

Some items are prohibited: you can't bring or import these into New Zealand. Some items are restricted: you will need approval to import or export these items. You may not be able to bring some medicines ...

### Travelling with batteries

Make sure your batteries leave the airport with you, and check the restrictions before you travel. All spare or loose batteries are prohibited from checked-in luggage

### Battery Energy Storage System Installation requirements

This standard places restrictions on where a battery energy storage system (BESS) can be located and places restrictions on other equipment located in close proximity to the BESS.

### Best practice guide

Best practice guidance to help homeowners choose, install, and maximise solar PV and battery storage for savings, reliability, and sustainability.

### A regulatory roadmap for battery energy storage systems

New Zealand's distribution sector and consumers are considering new ways to create additional capacity without building physical infrastructure. Controllable distributed energy resources offer much ...

### Prohibited and restricted items

If the device/equipment is brand new and in the original packaging, send it as it was packed by the manufacturer. If the device/equipment is used, leave the battery inside the device/equipment and ...

### Battery Guidance Document

From 1 January 2026, lithium-ion batteries that are packed with equipment and vehicles powered by lithium ion or sodium ion batteries must be offered for air transport with the battery at a reduced state ...

Travelling with batteries, power banks & battery-operated devices

Find information on which batteries, power banks and battery-operated devices are allowed on a plane and how to pack them safely.

## Contact Us

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