

# TRANSPORTATION OF LITHIUM BATTERIES

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## **5-1 Department of Transportation (DOT)**

The United States Department of Transportation (DOT) regulates the transportation of all lithium cells and batteries in commerce. All Panasonic lithium batteries are not subject to the requirements of the DOT Subchapter C, Hazardous Material Regulations because each of our batteries meet the requirements of 49 CFR 173.185(b). The only exception to this our BR-C battery which contains 1.7 grams of lithium per cell and is not subject to the Hazardous Material Regulations because it meets the requirements of 173.185(c).

All Panasonic lithium batteries are exempt from the DOT Hazardous Materials Subchapter as long as they are separated to prevent short circuits and packed in strong packing for conditions normally encountered in transportation.

## **5-2 International Civil Aviation Organization (ICAO)**

All Panasonic lithium batteries are considered non-dangerous by the International Civil Aviation Organization (ICAO) because they meet all the requirements of Special Provision "A45". The batteries must be shipped in strong packaging and packaged in a manner that prevents them from short circuiting.

## **5-3 International Air Transport Association (IATA)**

All Panasonic lithium batteries are considered non-dangerous by the International Air Transport Association (IATA) because they meet all the requirements of Special Provision "A45". The batteries must be shipped in strong packaging and packaged in a manner that prevents them from short circuiting.

If you build these cells into a battery pack, you must also assure that they continue to remain unregulated (i.e.-meet the requirements of 49 CFR 173.185(b) or (c)) or you must ship them in compliance with applicable regulations.