

Transport of Lithium Metal Batteries

Based on the United Nations recommendation, regulations have been placed on the transportation of lithium metal batteries and lithium ion batteries by the International Civil Aviation Organization (ICAO), the International Air Transport Association (IATA), the International Maritime Organization (IMO).

Lithium batteries that have part numbers beginning with BR, CR, CTL, MS, MT, ML and/or VL are classified as "Lithium metal batteries". The UN number is UN 3090, but UN3091 is used when the lithium metal batteries are contained in equipment or packed with equipment.

Packing and transportation are formally regulated according to the amount of lithium contained in a battery. Transportation of lithium batteries must conform to these regulations.

According to the revision of IATA regulation of 2022, Packing instruction 968 Section II have been abolished. From April 2022, lithium batteries must be transported as dangerous goods by air and needs Dangerous goods declaration. Please contact the shipping company in advance of shipping for details.

There is no change for marine transport and when battery is packed with or contained in equipment.

You can download "Product Safety Data Sheet (PSDS)" and "Lithium battery UN38.3 Test Summary" from below URL.

【Product Safety Data Sheet】 <http://industrial.panasonic.com/ww/downloads/psds>

【Test Summary】 <https://industrial.panasonic.com/ww/downloads/battery-test-summary>

Security Export Control

"Security export control" entails observing the legislation provided to maintain international peace and safety by preventing the proliferation of weapons of massive destructions (nuclear weapons, chemical warfare weapons, biological weapons and missiles) and the excessive buildup of conventional weapons.

Panasonic batteries listed in this catalog are classified as "(single cell) batteries" not "cells", and will therefore not be controlled by (7) in annex Table1 to the Order. The above notwithstanding, these batteries may be subject to the regulations depending on their ultimate destination, application and other conditions.

When a certificate of classification is required for exportation or if you have any queries, contact a Panasonic sales representative.