

Precautions for Transportation Regulations on Lithium Batteries

■Date of Issue

May 2018 (Ver. C: May 2020)

■Relevant Models

MELIPC series

Thank you for your continued support of Mitsubishi Electric industrial PC, MELIPC series.

We will inform you about products using lithium batteries in MELIPC series and considerations for transportation of the batteries.

Note that the descriptions in this bulletin provide information as of May 2020.

1 LITHIUM BATTERY TRANSPORTATION REGULATIONS

For the transportation of batteries containing lithium, the United Nations Recommendations on the Transport of Dangerous Goods and the transportation regulations based thereon should be complied with.

When transporting the products mentioned later, comply with transportation regulations depending on the means of transportation and route.

The following shows the main regulations based on the United Nations Recommendations on the Transport of Dangerous Goods.

Means of transportation	Regulation	Association/Organization
Air transportation	IATA Dangerous Goods Regulations	IATA (International Air Transport Association)
	Technical Instructions For The Safe Transport of Dangerous Goods by Air	ICAO (International Civil Aviation Organization)
Marine transportation	IMDG Code	IMO (International Maritime Organization)

Point

With the revision of transportation regulations, the requirements will also be changed accordingly.

Please be sure to check the latest edition of regulations.

In addition, the regulations vary depending on airline companies. Please contact your airline company for details.

2 PRODUCTS

This section shows the products in the MELIPC series subject to the transportation regulations.

Lithium batteries contained in products

The following table shows the products containing lithium batteries.

Product model name	Battery model name	Number of batteries per product	Classification
MI5122-VW	FX3U-32BL	1	Non-hazardous materials
MI3321G-W	BR2032	1	Non-hazardous materials
MI3315G-W			
MI2012-W			
MI2012-W-CL			
MI1002-W			
MI1002-W-CL			

Lithium batteries only

The following table shows the specifications for the batteries contained in the products.

Battery model name	Manufacturer	Type	Quantity	Lithium content	Classification
FX3U-32BL	Mitsubishi Electric Corporation	Lithium metal battery	7.2 g	0.15 g	Non-hazardous materials
BR2032	Panasonic Corporation Energizer Holdings, Inc. (Rayovac) ^{*1}	Lithium metal battery	2.5 g	0.06 g	Non-hazardous materials

*1 MI2012-W and MI2012-W-CL only

3 TRANSPORTATION GUIDELINES

When the mentioned products are transported, they must be packed and labeled according to the United Nations Recommendations on the Transport of Dangerous Goods and the transportation regulations based thereon.

Products shipped from us are packed according to the transport regulations. Please be aware that customers are responsible for packing and labeling the packages when transporting the products as the shipper.

We expect customers to fully understand this point and check the latest transportation regulations according to the means of transportation and route.

In addition, it is highly recommended to inform your carrier that this products contain lithium batteries in advance.

Please contact your carrier for details.

REVISIONS

Version	Date of Issue	Revision
A	May 2018	First edition
B	February 2019	MI3321G-W and MI3315G-W have been added to the products.
C	May 2020	MI2012-W-CL and MI1002-W-CL have been added to the products. A manufacturer of the battery (BR2032) has been added.

TRADEMARKS

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