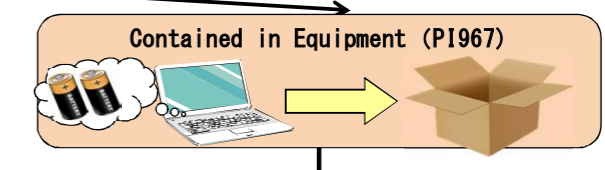
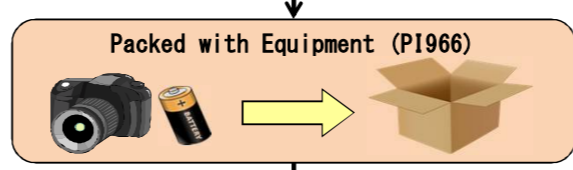
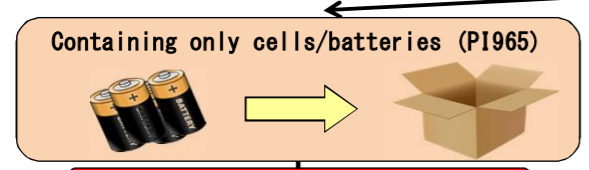


Note: Indicated in blue letters are the revised points in April 2016

How are the lithium Ion cells/batteries packed?



Forbidden on Passenger Aircraft

Only cells/batteries with State of Charge (SoC) not exceeding 30% of rated design capacity are allowed

[Watt-hour rating]
• For cells, a Watt-hour rating is exceeding 20 Wh per cell? or
• For batteries, a Watt-hour rating is exceeding 100 Wh per battery?

[Watt-hour rating]
• For cells, a Watt-hour rating is exceeding 20 Wh per cell? or
• For batteries, a Watt-hour rating is exceeding 100 Wh per battery?

[Watt-hour rating]
• For cells, a Watt-hour rating is exceeding 20 Wh per cell? or
• For batteries, a Watt-hour rating is exceeding 100 Wh per battery?

[cells/ batteries in one package]
• For cells, the package containing more than 8 cells?
• For batteries, the package containing more than 2 batteries? or
• For cells and/or batteries with a Watt-hour rating of 2.7 Wh or less per cell or battery, regardless of the number of the cells or batteries, total net quantity of the cells and batteries in one package exceed 2.5 kg?

UN3480 PI965	Section IA	Section IB	Section II
Quantity Limitation	Max net quantity of lithium ion cells or batteries per package must not exceed 35kg	Max net quantity of lithium ion cells or batteries per package must not exceed 10kg	<ul style="list-style-type: none"> Limited to one package per MAWB or per HAWB in case of consolidation Limited to one package per Overpack Packages and overpacks of this section must be offered separately from non-DG <p>① For cells and batteries with a watt-hour rating of 2.7Wh or less: • Max number of cells and/or batteries per package: No limit; • Max net quantity of cells and/or batteries per package: 2.5kg</p> <p>② For cells with a watt-hour rating of more than 2.7Wh but not more than 20Wh: • Max number of cells per package: 8 cells • Max net quantity of cells per package: Not Applicable</p> <p>③ For batteries with a watt-hour rating of more than 2.7Wh but not more than 100Wh: • Max number of batteries per package: 2 batteries • Max net quantity of batteries per package: Not Applicable</p> <p>[Note] cells and/or batteries specified in above ① to ③ must not be combined in the same package.</p>
Shipper's Declaration	Required	Required	Not Required
AWB	The statement "Dangerous goods as per attached shipper's declaration" or "Dangerous goods as per attached DGD" and "Cargo Aircraft Only" or "CAO" must be shown on the AWB	<p>① The statement "Dangerous goods as per attached shipper's declaration" or "Dangerous goods as per attached DGD" and "Cargo Aircraft Only" or "CAO" must be shown on the AWB.</p> <p>② an indication that: • the package contains lithium ion cells or batteries; • the package must be handled with care and that a flammability hazard exist; • special procedures must be followed in the event the package is damaged, to include inspection and repacking if necessary; and • a telephone number for additional information; and</p> <p>[Note] Information Specified in above ② may be shown on Shipper's Declaration or an alternative document.</p>	The following information must be shown on the AWB: ① the statement "Lithium ion batteries in compliance with Section II of PI965" and "Cargo Aircraft Only" or "CAO" ② an indication that: • the package contains lithium ion cells or batteries; • the package must be handled with care and that a flammability hazard exist; • special procedures must be followed in the event the package is damaged, to include inspection and repacking if necessary; and • a telephone number for additional information; [Note] An alternative document may be used to show the above information, However the information specified in above ① must be shown on the AWB.
Label	CL9 hazard label and CAO label must be affixed	CL 9 hazard label, CAO label and lithium battery handling label must be affixed	CAO label and Lithium battery handling label must be affixed
Marking	All the applicable markings required by Section 7 of the DGR must be marked	All the applicable markings required by Section 7 of the DGR must be marked	If applicable, marking for overpack required by Section II of PI 965 must be marked.
UN Specification packaging	UN specification packaging meeting the packing group II performance standards must be used.	Not Required (Although the UN packaging is not required, the packaging must be capable of withstand a 1.2m drop test.)	Not Required (Although the UN packaging is not required, the packaging must be capable of withstand a 1.2m drop test.)
Shipper Loaded ULD	Not Acceptable	Not Acceptable	Not Acceptable

UN3481 PI966	Section I	Section II
Quantity Limitation	Number of cells or batteries must not exceed appropriate number for the equipment's operation plus 2 spares. AND Max net quantity of lithium ion cells or batteries per Package must not exceed the followings: • For Passenger Aircraft : 5kg; • For Cargo Aircraft only : 35kg.	Number of cells or batteries must not exceed appropriate number for the equipment's operation plus 2 spares. AND Max net quantity of lithium ion cells or batteries per package must not exceed the followings: • For Passenger Aircraft : 5kg; • For Cargo Aircraft only : 5kg.
Shipper's Declaration	Required	Not Required
AWB	The statement "Dangerous goods as per attached shipper's declaration" or "Dangerous goods as per attached DGD" must be shown on the AWB	The following information must be shown on the AWB: ① the statement "Lithium ion batteries in compliance with Section II of PI966"; and ② an indication that: • the package contains lithium ion cells or batteries; • the package must be handled with care and that a flammability hazard exist; • special procedures must be followed in the event the package is damaged, to include inspection and repacking if necessary; and • a telephone number for additional information; (Note) An alternative document may be used to show the above information, However the information specified in above ① must always be shown on the AWB.
Label	CL9 hazard label must be affixed	Lithium battery handling label must be affixed.
Marking	All the applicable markings required by Section 7 of the DGR must be marked	If applicable, marking for overpack required by Section II of PI 966 must be marked.
UN Specification packaging	UN specification packaging meeting the packing group II performance standards must be used.	Not Required (Although the UN packaging is not required, the packaging must be capable of withstand a 1.2m drop test.)
Shipper Loaded ULD	Not Acceptable	Acceptable (Lithium battery handling label must be reproduced on the outside of the ULD)

UN3481 PI967	Section I	Section II [Note1]	Section II
Quantity Limitation	Max net quantity of lithium cells or batteries per Package must not exceed the followings: • For Passenger Aircraft : 5kg; • For Cargo Aircraft only : 35kg.	Max net quantity of lithium cells or batteries per package must not exceed the followings: • For Passenger Aircraft : 5kg; • For Cargo Aircraft only : 5kg.	Max net quantity of lithium ion cells or batteries contained in equipment per package must not exceed the followings: • For Passenger Aircraft: 5kg; • For Cargo Aircraft only: 5kg.
Shipper's Declaration	Required	Not Required	Not Required
AWB	The statement "Dangerous goods as per attached shipper's declaration" or "Dangerous goods as per attached DGD" must be shown on the AWB	The following information must be shown on the AWB: ① the statement "Lithium ion batteries in compliance with Section II of PI967"; and ② an indication that: • the package contains lithium ion cells or batteries; • the package must be handled with care and that a flammability hazard exist; • special procedures must be followed in the event the package is damaged, to include inspection and repacking if necessary; and • a telephone number for additional information; (Note) An alternative document may be used to show the above information, However the information specified in above ① must always be shown on the AWB.	Not Required (Information ① and ② specified in the left box must not be shown on the AWB.)
Label	CL9 hazard label must be affixed	Lithium battery handling label must be affixed.	Not Required
Marking	All the applicable markings required by Section 7 of the DGR must be marked	If applicable, marking for overpack required by Section II of PI 967 must be marked.	Not Required
UN Specification packaging	Not Required	Not Required	Not Required
Shipper Loaded ULD	Not Acceptable	Acceptable (Lithium battery handling label must be reproduced on the outside of the ULD)	Acceptable

[Note1] More than two packages per 1MAWB or 1HAWB may continue to move without lithium handling label until 31st December 2016 as the transitional procedure. In that case, the statement of Section II to AWB and UN packagings are not required. Shipper can load these packages onto an ULD.