

Lithiumbatterien im Luftverkehr

Seit 2009 wurden viele neue Verpackungsanweisungen und UN-Nummern für den Transport von Lithiumbatterien erstellt.

Sollen Batterien – allein, mit Ausrüstung oder in Ausrüstung – im Luftverkehr transportiert werden, müssen unter anderem die unterschiedlichen Mengengrenzen beachtet werden.

In drei tabellarischen Übersichten sind folgend die jeweiligen Mengengrenzen aufgeführt. (gg)

Quantity limitations of Lithium batteries (LiBat) which are fully regulated* as per Section I of PI 965-970 (DGR 2011)

UN	PSN	Packing Instruction	Limitation PAX OK	Limitation CAO	Quantity on DGD
3480	Lithium ion batteries	965, Section I	max. 5 kg gross weight per package	max. 35 kg gross weight per package	Actual gross weight of package plus "G"
3481	Lithium ion batteries packed with equipment	966, Section I	max. 5 kg of batteries per package, excluding weight of equipment	max. 35 kg of batteries per package, excluding weight of equipment	Net quantity of battery(ies) per package
3481	Lithium ion batteries contained in equipment	967, Section I	max. 5 kg of batteries per equipment, no limit on equipment per package	max. 35 kg of batteries per equipment, no limit on equipment per package	Actual gross weight of package plus "G" optional: weight of batteries may also be shown

Quantity limitations of Lithium batteries (LiBat) which are fully regulated as per Section I of PI 965-970 (DGR 2011)

3090	Lithium metal batteries	968, Section I	max. 2.5 kg gross weight per package	max. 35 kg gross weight per package	Actual gross weight of package plus "G"
UN	PSN	Packing Instruction	Limitation PAX OK	Limitation CAO	Quantity on DGD
3091	Lithium metal batteries packed with equipment	969, Section I	max. 5 kg of batteries per package, excluding weight of equipment	max. 35 kg of batteries per package, excluding weight of equipment	Net quantity of battery(ies) per package
3091	Lithium metal batteries contained in equipment	970, Section I	max. 5 kg of batteries per equipment, no limit on equipment per package	max. 35 kg of batteries per equipment, no limit on equipment per package	Actual gross weight of package plus "G" optional: weight of batteries may also be shown

Stand: April 2011

Requirements for Lithium ion batteries which are subject to Section II of PI 965-967 as per DGR 2011

UN	PSN	Packing Instruction	Limitations	Eintrag anders Dokument oder Luftfrachtbrief
3480	Lithium ion batteries	965, Section II	Watt-hour rating: Cells: max. 20 Wh Batteries: max. 100 Wh	Indication that a) package contains lithium ion cells or batteries b) package must be handled with care and flammability hazard exists if damaged c) special procedures to be followed if damaged d) a telephone number plus Eintrag im “Nature and Quantity of Goods” Feld: “Lithium ion batteries”, “Not Restricted”, “PI965”
3481	Lithium ion batteries packed with equipment	966, Section II	Watt-hour rating: Cells: max. 20 Wh Batteries: max. 100 Wh	Indication that a) package contains lithium ion cells or batteries b) package must be handled with care and flammability hazard exists if damaged c) special procedures to be followed if damaged d) a telephone number plus in Additional Handling Information box: “Lithium ion batteries”, “Not Restricted”, “PI966”
3481	Lithium ion batteries contained in equipment	967, Section II	Watt-hour rating: Cells: max. 20 Wh Batteries: max. 100 Wh	If package contains more than 4 cells (or more than 2 batteries)** installed in equipment: Indication that a) package contains lithium ion cells or batteries b) package must be handled with care and flammability hazard exists if damaged c) special procedures to be followed if damaged d) a telephone number plus Eintrag im “Nature and Quantity of Goods” Feld: “Lithium ion batteries”, “Not Restricted”, “PI967”

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Requirements for Lithium metal batteries which are subject to Section II of PI 968-970 as per DGR 2011

UN	PSN	Packing Instruction	Limitations	Eintrag anders Dokument oder Luftfrachtbrief
3090	Lithium metal batteries	968, Section II	Lithium content: Cells: max. 1 g Batteries: max. 2 g	Indication that a) package contains lithium metal cells or batteries b) package must be handled with care and flammability hazard exists if damaged c) special procedures to be followed if damaged d) a telephone number plus Eintrag im “Nature and Quantity of Goods” Feld: “Lithium metal batteries”, “Not Restricted”, “PI968”
3091	Lithium metal batteries packed with equipment	969, Section II	Lithium content: Cells: max. 1 g Batteries: max. 2 g	Indication that a) package contains lithium metal cells or batteries b) package must be handled with care and flammability hazard exists if damaged c) special procedures to be followed if damaged d) a telephone number plus Eintrag im “Nature and Quantity of Good” Feld: “Lithium metal batteries”, “Not Restricted”, “PI969”
3091	Lithium metal batteries contained in equipment	970, Section II	Lithium content: Cells: max. 1 g Batteries: max. 2 g	If package contains more than 4 cells (or more than 2 batteries)** installed in equipment: Indication that a) package contains lithium metal cells or batteries b) package must be handled with care and flammability hazard exists if damaged c) special procedures to be followed if damaged d) a telephone number plus Eintrag im “Nature and Quantity of Goods” Feld:: “Lithium metal batteries”, “Not Restricted”, “PI970”

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