

IMPORTANT REGULATIONS

Abbreviation	Regulation
ADR	Regulations for the transportation of dangerous goods
ADR P910	For production series of not more than 100 cells or batteries of UN Nos. 3090, 3091, 3480, 3481. Further for pre-production prototypes of cells or batteries of these UN Nos. and these prototypes are carried for testing.
ADR P911	Applies to damaged or defective cells and batteries of UN Nos. 3090, 3091, 3480 and 3481 which are prone to rapid disassembly, dangerous reaction, flame formation, dangerous evolution of heat or dangerous emission of toxic, corrosive or flammable gases or vapours under normal conditions of carriage.
ADR P 908	Applies to damaged or defective lithium-ion cells and batteries, as well as damaged or defective lithium metal cells and batteries of UN Nos. 3090, 3091, 3480, 3481, even if contained in equipment.
ADR Special regulation 376	Lithium-ion cells or batteries and lithium metal cells or batteries found to be damaged or defective to the extent that they no longer conform to the type tested in accordance with the applicable provisions of the Manual of Tests and Criteria shall comply with the provisions of this special provision.
ADR Special regulation 377	Lithium-ion cells or batteries and lithium metal cells or batteries and equipment containing such cells and batteries being carried for disposal or recycling and packed with or without other batteries that are not lithium batteries may be packed in accordance with packing instruction P909 of 4.1.4.1.

LIBA®BARREL

Collecting, storing and transporting with the LiBa®Barrel

The LiBa®Barrel is a safe solution for collecting, storing and transporting of defective lithium-ion batteries in accordance with SV 377 ADR.

The barrels are available with a capacity of 6 l, 30 l, 50 l and 212 l and can be closed by using of a clamping ring and a safety catch.

The lid is equipped with a LiBa®Vent pressure relief.



LiBa®Barrel, 50 liter,
Article no. C62-2074-B

Version (Liter)	Height (mm)	Diameter (mm)	Weight (kg)	Article no.
6	180	230	1,95	C62-2072-B
30	396	328	3,30	C62-2073-B
50	515	375	4,75	C62-2074-B
212	874	605	25,50	C62-2075-B

LIBA®PAC FOR LITHIUM-ION BATTERIES UP TO 40 KG

With the LiBa®Pac we offer, in combination with the LiBa®Bag, a two-stage packaging for lithium-ion batteries up to 40 kg according to SV 376 and SV 377 ADR. As well as for the shipment of prototypes according to ADR.

The reusable box meets the highest protection requirements in accordance with packing group I (X coding) and prevents the expansion of fire, even in the case of batteries that have reacted.



LiBa®Pac, Size L,
Article no. C62-2077-B

Size	External dim. L x B x H (mm)	Internal dim. L x B x H (mm)	Gross weight (kg)	Maximum load (kg)	Article no.
S	380 x 290 x 210	340 x 250 x 160	17,0	6,0	C62-2076-B
L	485 x 230 x 210	430 x 185 x 160	20,3	9,3	C62-2077-B
X	500 x 250 x 200	480 x 230 x 170	52,0	40,0	C62-2078-B



TRANSPORT BOX K 470 - AKKU SAFE

- ◆ For the safe storage and transport of prototypes (ADR P910), defective or damaged lithium-ion batteries in accordance with ADR SV 376 and packing instruction P908.
- ◆ Determination also available for critically defective batteries according to P911.
- ◆ High-quality special container made of aluminium with 3 compartments each 430 x 120 x 120 mm.
- ◆ With fireproof padding and absorbent material made of textured glass fibres.
- ◆ Tested and approved as dangerous goods packaging in accordance with UN regulations, i.e. public transport possible in accordance with regulations.
- ◆ Approval for the transport of critically defective lithium-ion batteries according to P911, SV 376.
- ◆ Fire test (with 814 Wh) passed.



**Transport box K 470 - Akku Safe,
Article no. C62-2070-B**

Model	External dim. L x B x H (mm)	Internal dim. L x B x H (mm)	Weight (kg)	Article no.
Transport box K 470 - Akku Safe	600 x approx. 600 x approx. 250	550 x 550 x 220	11,5	C62-2070-B

TRANSPORT BOX K 470 - AKKU SAFE UNIVERSAL

Approved dangerous goods packaging for lithium-ion batteries UN 3480, UN 3481, UN 3090, UN 3091

- ◆ Suitable for the transport of prototype, defective or damaged lithium-ion batteries, critically defective (acc. to SV 376 and P911 ADR) and batteries for disposal and recycling.
- ◆ High dielectric strength, i.e. also suitable for high-power batteries such as Power Tool batteries.
- ◆ Padding and absorbent material non-flammable, non-electrically conductive and dust-free.
- ◆ Fire test (with 1,300 Wh) passed.

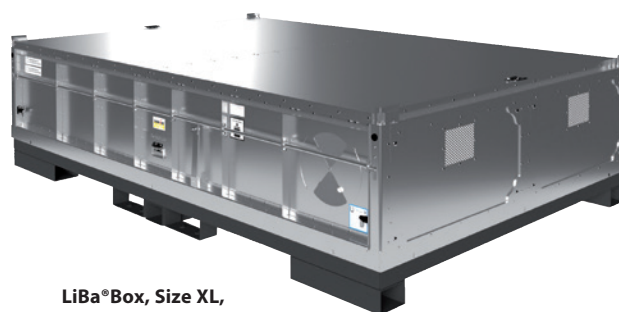


**Transport box K 470 - Akku Safe Universal,
Article no. C62-2071-B**

Model	External dim. L x B x H (mm)	Internal dim. L x B x H (mm)	Weight (kg)	Article no.
Transport box K 470 - Akku Safe Universal	600 x approx. 400 x approx. 250	550 x 350 x 220	11,5	C62-2071-B

THE ALL-IN-ONE SOLUTION – LIBA®BOX

The LiBa®Box is suitable for the storage and transport of lithium-ion batteries. It is equipped with a collecting tray, fireproof inner packaging, fire detection and an extinguishing system. This can extinguish a fire and at the same time handle the exhaust gas treatment of the bursting batteries. With this concept, you get a safe complete solution..



**LiBa®Box, Size XL,
Article no. C62-2082-B**

Size	Dimensions (mm)	Weight (kg)	Article no.
XS	900 x 650 x 553	90	C62-2080-B
M	1200 x 800 x 990	176	C62-2081-B
XL	1200 x 1200 x 1800	350	C62-2082-B
XLs	2000 x 1400 x 990	430	C62-2083-B