LogBATT
MEMBER OF LAGERMAX GROUP

THE FUTURE IS NOW

THE TOTAL SOLUTION FOR BATTERY LOGISTICS

LogBATT
MEMBER OF LAGERMAX GROUP

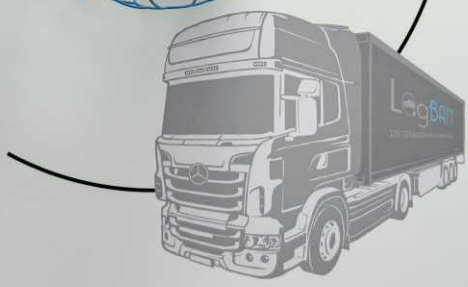
WELCOME TO THE FUTURE

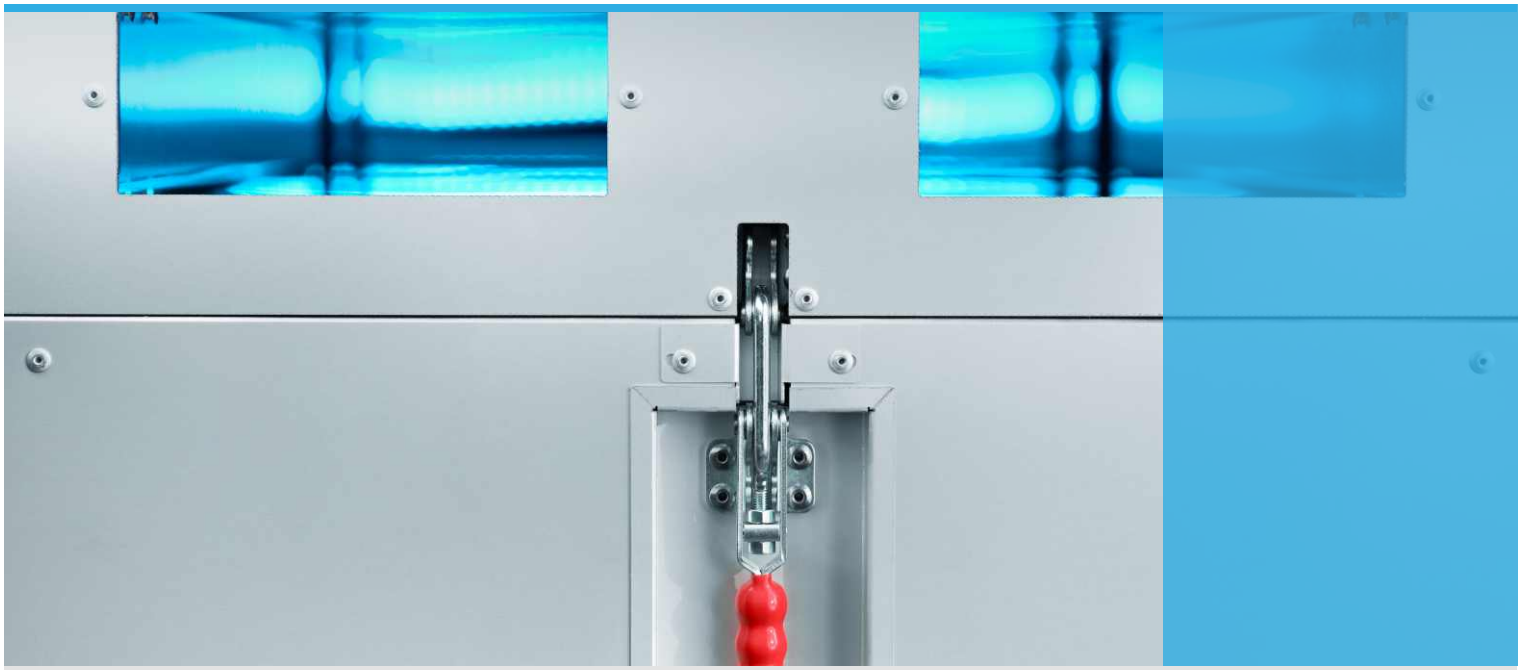
LogBATT VISION

Europe's largest logistics provider for lithium-ion batteries and global market leader for storage and transportation containers for critical/defective lithium-ion batteries.

LogBATT MISSION

We offer our customers products and solutions so that they can safely deal with the dangers of batteries over their entire life cycle.





THE TOTAL SOLUTION FOR BATTERY LOGISTICS

From its very beginning, LogBATT GmbH, Member of Lagermax Group, has focussed on - and specialised in - the **total solution of lithium-ion battery logistics** to provide its customers with unique and well-conceived comprehensive solutions spanning the total battery supply chain. We have all the required legal certificates and resources available to cover all hazardous goods and waste legislation aspects for you both reliably and in a manner compliant with the law.

Whatever battery size is involved or whatever industry you are in, we have the right solution for you – coming from a single source. We can also provide you with those top-class hazardous goods transport boxes for **critically defective batteries** in compliance with the latest legal provisions of **ADR 2023 P911/LP906** for hazardous goods, including authorisations for collecting, forwarding and brokering hazardous waste in **disposal logistics**.

OUR CERTIFICATIONS

ISO 9001 · ISO 14001 · EfB · QSP

LogBATT
MEMBER OF LAGERMAX GROUP

BATTERY LOGISTICS
ACROSS EUROPE

EXPRESS-SERVICE ACROSS EUROPE
PACKAGING & LOADING
APPRAISAL AS TO TRANSPORT SAFETY
WORRY-FREE PACKAGE
DISPOSAL FROM ANY LOCATION
STATIONARY SAFETY CONTAINER
TRANSPORT CONTAINER
BATTERIES
TRANSPORT-SAFE UNTIL NON-TRANSPORT-SAFE
9

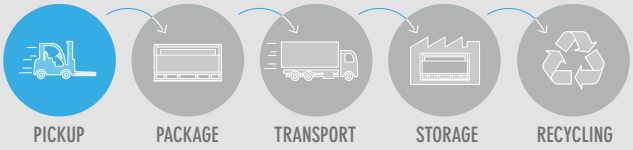
PICKUP
PACKAGE
TRANSPORT
STORAGE
RECYCLING

LogBATT
MEMBER OF LAGERMAX GROUP

PICK UP

WE PICK UP

With its highly specialised operative logistics, LogBATT organises and notifies collection of cells, modules, and batteries right where you are. And we also take on all the documentation. Whether you are a development centre, test institute, production factory or trader – we have the right, flexible solution for every customer and implement return systems to fit the amended Battery Law (BattG2). Benefit from the extensive experience our hazardous goods experts have with lithium batteries!



PACKAGE

WE PACKAGE

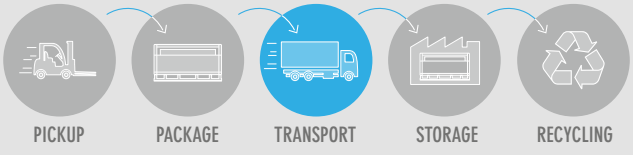
Our specially trained employees will take over the tasks of hazardous goods handling when packaging. This includes marking the packaging with ADR labels. And whether you want to use your own or combine it with our own hazardous goods packaging – we always have a UN-conforming, legally secure solution for you. We will even take on complex packaging, say, for critically defective batteries of all sizes. Here, we will provide all the necessary training, documentation and personal protective equipment for the safety of all those involved.

TRANSPORT

WE TRANSPORT

Our ADR fleet includes small vans and large lorries. In this way, LogBATT can offer its customers logistics solutions to suit their needs and for all battery sizes, across Europe. To help us scale up together, even in turbulent times and with growing markets worldwide, LogBATT has set up a certified network for battery logistics. Thus, we have access to several hundred lorries and can always collect your HV batteries for disposal within the shortest possible time.

OUR FLEET



STORAGE

WE STORE

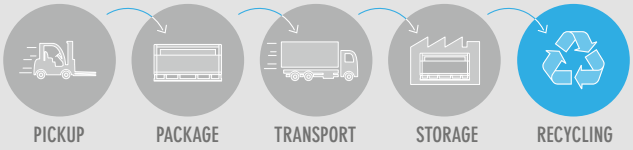
Certified storage solutions for lithium ion batteries offer flexible solutions in troubled times. Thus, we offer our customers Off and On Campus solutions so that we can work for you towards a comprehensive supply chain: our waste and intermediate storage facilities fulfil the highest standards of battery storage. With our storage boxes, developed in-house, we even go further. They do not even need a water extinguishing reservoir. And we of course have all the authorisation needed under the Federal Immissions Law (BImSchG).

LogBATT
MEMBER OF LAGERMAX GROUP

RECYCLING

WE RECYCLE

As a disposal specialist for all kinds of waste, we can offer you recycling solutions across Germany and Europe, including the necessary certifications. Our all-in-one package provides you exclusive recycling capacity to dispose of your batteries in any condition or size. Trust in a leading provider of Reverse Logistics for lithium ion batteries and close the gap in your circular economic system with our legally compliant solutions under the latest amendment of the EU Battery Regulation 2022 (A9-0031/2022).



LogBATT
MEMBER OF LAGERMAX GROUP

LITHIUM BATTERY LOGBAGS RECYCLING
RECYCLING STORAGE BOXES INTERNAL FILTER LOGBAGS
LOGCOVER EUROPE-WIDE DISPOSAL
TRANSPORT BOXES QUARANTINE BOXES
STORAGE BOXES INTERNAL FILTER STORAGE
MADE IN GERMANY FILTER SYSTEMS
THE FUTURE IS NOW
DISPOSAL PICKUP TRANSPORT
PACKAGE LOGISTIC LOGBATT
STORAGE RECYCLING THE FUTURE IS NOW
LITHIUM BATTERY LOGBAGS PICKUP
LOGCOVER EUROPE-WIDE PACKAGE
TRANSPORT BOXES QUARANTINE BOXES STORAGE LOGCOVER
RECYCLING STORAGE BOXES INTERNAL FILTER LOGBAGS
MADE IN GERMANY LITHIUM BATTERY
LOGBATT FILTER SYSTEMS TRANSPORT BOXES

LogBATT
MEMBER OF LAGERMAX GROUP

SAFETY BATTbox TRANSPORT

Filter system

Stacking pockets

Lock

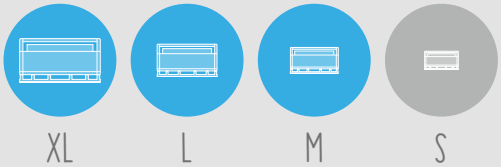
Internal filter

LogCOVER

LogBAGS

FOR DEFECTIVE/CRITICAL LITHIUM-ION BATTERIES

- Gas management system
- Stainless steel (long-lasting and ideal for outdoor deployment)
- Easy handling (optimised logistics possible with **LogBAGs**)
- Deployable as a stationary safety container
- X-coded UN bulk pack (also for use in compliance with SP310, SP376, P911, LP 906, ADR 2024)
- Stackable [1]
- **Actual fire tests** have proved the following:
  + Heat insulation < 100°C on the outer housing in an accident
  + No flame development or projectiles emerging in an accident [1]
  + Gas management system for all crate variants:
    · flue gas path solely through filter system and discharge through defined openings [1]
    · Hydrogen fluoride filtering (HF)



[1] When complying with the LogBATT instructions for use and service description.

TECHNICAL SPECIFICATION

As of: April 2024. All information subject to change. Other sizes provided on request.

SAFETY BATTbox

XL-2+

SafetyBATTbox	XL-2+	Item No. 300029
External dimensions	[mm]	3233 x 2284 x 1350
Internal dimensions	[mm]	2790 x 1820 x 797
Unloaded weight approx.	[kg]	1700
Housing		Anodised aluminium
Gas management system		✔
Stackable		–
Max. loading	[kg]	1700

XL-2

SafetyBATTbox	XL-2	Item No. 300034
External dimensions	[mm]	3233 x 2284 x 1095
Internal dimensions	[mm]	2790 x 1820 x 542
Unloaded weight approx.	[kg]	1475
Housing		Anodised aluminium
Gas management system		✔
Stackable		✔
Max. loading	[kg]	1129

XL-Lite

SafetyBATTbox	XL-Lite	Item No. 300063
External dimensions	[mm]	2965 x 1863 x 847
Internal dimensions	[mm]	2870 x 1770 x 590
Unloaded weight approx.	[kg]	200
Housing		plastic
Gas management system		✔
Stackable		✔
Max. loading	[kg]	900

L-2

SafetyBATTbox	L-2	Item No. 300037
External dimensions	[mm]	1606 x 1200 x 964
Internal dimensions	[mm]	1312 x 913 x 472
Unloaded weight approx.	[kg]	385
Housing		Galvanized steel
Gas management system		✔
Stackable		✔
Max. loading	[kg]	357

M-2

SafetyBATTbox	M-2	Item no. 300004
External dimensions	[mm]	1000 x 600 x 700
Internal dimensions	[mm]	816 x 416 x 306
Unloaded weight approx.	[kg]	100
Housing		Stainless steel
Gas management system		✔
Stackable		✔
Max. loading	[kg]	100

S-1

SafetyBATTbox	S-1	Item no. 300007
External dimensions	[mm]	600 x 400 x 340
Internal dimensions	[mm]	480 x 280 x 180
Unloaded weight approx.	[kg]	9
Housing		plastic
Gas management system		✔
Stackable		✔
Max. loading	[kg]	10

SAFETY BATTbox STORAGE family

Lock

Filter system

Front opening

IS USABLE AS A STORAGE, QUARANTINE AND EVACUATION TANK

- Safety container for storing small to large size lithium-ion batteries
- Thermal insulation
- Flue gas path and filter system
- Using absorbers to impound liquids such as electrolyte and cooling water
- Stackable 1+1
- Loadable at the front
- Modular deployment
- Additional options:
  - + Partitions
  - + Roller conveyor or grid inside
  - + Movable with: castors, pallet trucks or fork-lift trucks (only empty)
  - + Sensor scanning

BENEFITS OF THE LOGBATT STORAGE family

- Fire and projectiles remain in the box[1]
- No extinguishing water needed
- Without extinguishing water, deployable as a retention device
- Flexibly deployable for production, workshops, trade, public authorities, institutes etc.
- Non-corroding
- Divisible (only for the XL box)
- One-person operation
- No maintenance

[1] When complying with the LogBATT instructions for use and service description.

TECHNICAL SPECIFICATION

As of: May 2022. All information subject to change. Other sizes provided on request.

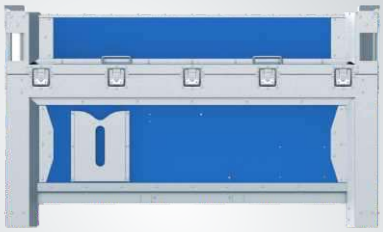
LogBATT MEMBER OF LAGERMAX GROUP

CONTAINER

SafetyBATTbox	Container
External dimensions	customised
Shelves dimensions	customised
Number of shelves	upon request
Design as thermally insulated water protection container	
Sliding door	
Flue gas filtering	
Several features plus customized solution	

XL-STORAGE

SafetyBATTbox	XL Storage	Item no. 300030
External dimensions	[mm]	3196 x 2298 x 1237
Internal dimensions	[mm]	2976 x 2039 x 757
Unloaded weight approx.	[kg]	1150
Housing		Stainless steel, galvanised, powder-coated
Gas management system		✔
Stackable		✔
Battery weight up to	[kg]	1050



L-STORAGE

SafetyBATTbox	L Storage	Item no. 300041
External dimensions	[mm]	1606 x 1200 x 964
Internal dimensions	[mm]	1312 x 913 x 472
Unloaded weight approx.	[kg]	385
Housing		Anodised aluminium, stainless steel, galvanised
Gas management system		✔
Stackable		✔
Battery weight up to	[kg]	350

M-STORAGE

SafetyBATTbox	M Storage	Item no. 300031
External dimensions	[mm]	1000 x 600 x 700
Internal dimensions	[mm]	816 x 416 x 306
Unloaded weight approx.	[kg]	100
Housing		Galvanised steel
Gas management system		✔
Stackable		✔
Battery weight up to	[kg]	80

LogBATT
MEMBER OF LAGERMAX GROUP

SAFETY BATTbox TEST STAND CONTAINER

TEST STAND CONTAINER FOR LITHIUM-ION BATTERIES

The LogBATT Development Team has extended its skills portfolio: For some time now we have been providing our customers with test rig containers. This competence has been acquired from findings gained over many years in developing transport/quarantine boxes and in carrying out actual fire tests.

How do we develop and produce?
In our own metal-working factory we manufacture to individual customer requirements test rig containers with the tried-and-tested SafetyBATTbox safety system. In the process, we also resort to the in-depth expertise of our engineers in the automobile business.

Who are our customers in this field?
Leading international test institutes, automobile concerns and industrial companies. Our customers focus on the development, simulation and testing technology of drive systems for cars and utility vehicles in the E-mobility field.

LOGBAGS

Bags for easy, rapid filling of the SafetyBATTboxes compared to simple filling. The bags can be moulded and optimally adjust to any battery size and shape.

- Non-flammable to DIN 4102 and EN 13501-1
- Electrically insulating
- Several sizes available
- Very flexible material
- Optimised handling outlay

As a packaging material for:

- Defective/damaged lithium-ion batteries with official approval
- Fixing LogBATT or to SP376 (P908/LP904)
- Lithium-ion batteries in prototype status to SP310 (P910/LP905)
- Lithium-ion batteries for recycling to SP377 (P909)
- Packaging as defined in ADR 2023 ff. P911/LP906

TECHNICAL SPECIFICATION

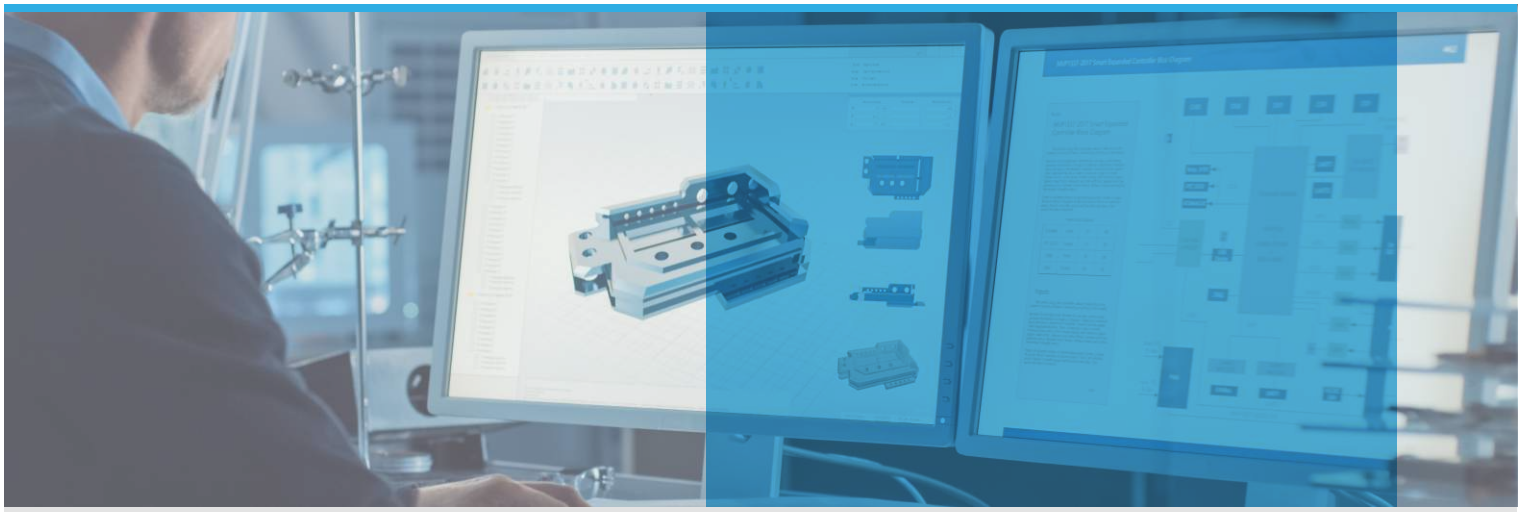
	LogBAG XL	LogBAG L	LogBAG M	LogBAG S+	LogBAG S	LogCOVER lite	LogCOVER XL pro	LogCOVER L
Length [mm]	1.000	1.000	500	580	180	5.700	3.000	1.600
Width [mm]	1.000	500	500	400	450	4.400	2.000	1.200
Height [mm]	150	150	150	50	50	20	25	25
Weight [kg]	13	7	3,5	1	0,3	20	28	11

As of: April 2024. All information subject to change. Other sizes provided on request.

LogBATT
MEMBER OF LAGERMAX GROUP

DEVELOPMENTS

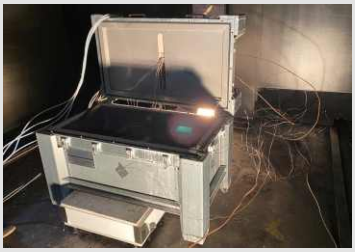
E-LEARNING ACADEMY



DEVELOPMENT AND 30 FIRE TESTS

Our mission is to provide our customers with products and solutions to enable them to deal reliably with the dangers of batteries across their entire service lives. That is why we invest in R&D on a daily basis. This means:

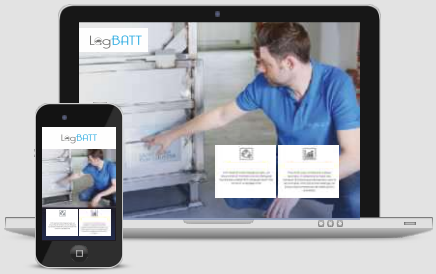
- With a long track record in the design, production and development of high-grade UN-compliant transport and storage boxes for lithium-ion batteries, we have become a leading international expert in this field.
- Our product portfolio offers solutions for large and small quantities. And it also offers tailor-made, individual solutions.
- For some years now we have been conducting actual fire tests with lithium-ion batteries in our storage and transport containers for international automobile business customers.
- With our Development Department and proximity to the authorities responsible, we, as a matter of course, adapt rapidly and constantly to the changing statutory standards and requirements from the electric mobility field.



E-LEARNING ACADEMY

Online packing instruction of your staff regarding critically defective batteries in our SafetyBATTboxes acc. to official deliberations and process instruction.

STRAIGHTFORWARD • MODERN • DIGITAL • GLOBALLY APPLICABLE



LogBATT
MEMBER OF LAGERMAX GROUP

LogBATT GmbH | Am Filswehr 2, 73207 Plochingen
+49 7153 925 080 | info@logbatt.de