



GENIUS GROUP

BATTERY & FIRE PROTECTION WITH PYROBUBBLES



Innovative Ideas for Fire Protection, Fire Prevention and Extinguishing



Transport containers made of stainless steel & black steel

UN tested
ADR 2025
P911 / LP906



Packing group 1 For critically defective batteries P911 / LP906

GENIUS stainless steel and black steel transport containers are the ideal solution for users seeking a reliable way to safely transport and store lithium-ion batteries, battery modules or cells in accordance with UN numbers 3090, 3091, 3480 and 3481 and in compliance with the latest safety standards. In addition to intact lithium-ion batteries or modules, the GENIUS transport containers are particularly suitable for critically defective batteries/modules that pose a significant risk both during transport and storage.

Years of development work have turned these boxes into one of the safest transport and storage options on the market. Thanks to a large number of fire tests, the GENIUS transport containers have all the necessary approvals in accordance with P911 and LP906.

The temperatures of the outer walls remain well below 100°C, even during and after a thermal runaway of the battery. The system prevents flames and projectiles from escaping. Special valves and the PyroBubbles® extinguishing agent filter out toxins and contain the cell fire, and in the best case even extinguish it completely.

The transport containers can be filled with PyroBubbles® bulk goods as well as with cushions. Both the containers and the cushions are available in different sizes. Please feel free to contact us...



Innovative Ideas for Fire Protection, Fire Prevention and Extinguishing

**...when
things get
critical!**

CONVINCING FEATURES

- Over 40 positive fire tests with a wide range of cell types and over 100 kW/h.
- Safest and certified protection against thermal runaway or exothermic reaction.
- Filtering of toxic gases and protection of dangerous goods by GENIUS PyroBubbles®.
- Safety system for storage and transport in accordance with the latest ADR regulations for damaged & critically defective lithium-ion batteries and modules (packing instruction P911/LP906).
- Tested boxes with UN approvals in accordance with ADR (for road), RID (for rail) & IMDG (for sea).
- Steel containers in various sizes from S to LP, in single-walled and double-walled versions.
- Permanent reuse of the system, no maintenance required, easy to handle, stackable and drive-under.

Item number:	Product:	External dimensions mm (LxWxH) *	Internal dimensions mm (LxWxH) *	Internal volume (l) *	Empty weight (mass in kg) *	Max. total weight (gross- mass in kg)	Max. Payload Dangerous goods (netmass) in kg
21 - Stainless steel transport container - VG1							
2122	S-Box X1 E, incl. PyroBubbles Premium	800 x 600 x 776	676 x 476 x 573	184	71	207	85
2125	S-Box X2 E, incl. PyroBubbles Premium	800 x 600 x 1156	676 x 476 x 953	307	85	303	165
2124	M-Box X1 E, incl. PyroBubbles Premium	1200 x 800 x 853	1076 x 676 x 650	473	116	430	200
2118	M-Box X2 E, incl. PyroBubbles Premium	1200 x 800 x 1303	1076 x 676 x 1100	800	141	701	400
2127	L-Box X1 E, incl. PyroBubbles Premium	1720 x 920 x 953	1596 x 796 x 750	953	175	890	525
2128	L-Box X2 E, incl. PyroBubbles Premium	1720 x 1320 x 1230	1650 x 1250 x 1000	2062	260	855	400
2120	XXL-Box E, incl. PyroBubbles Premium	2582 x 1566 x 1131	2376 x 1360 x 854	2760	399	1738	550
2126	XXL-Box E with inner box E, inkl. PyroBubbles Premium	2582 x 1566 x 1131	2070 x 1060 x 540	1185	794	1738	550
2131	LP-Box² X1 E, incl. PyroBubbles Premium (double-walled)	3190 x 2190 x 1407	2700 x 1700 x 649	2983	2008	3960	800
26 - Transport container galvanised black steel - VG1							
2603	S-Box X1 B, incl. PyroBubbles Premium	800 x 600 x 744	678 x 478 x 580	188	47	184	85
2605	M-Box X1 B, incl. PyroBubbles Premium	1200 x 800 x 790	1046 x 646 x 625	422	100	387	200
2607	XXL-Box B, incl. PyroBubbles Premium	2500 x 1500 x 1230	2336 x 1336 x 926	2890	538	1870	550
2608	LP1-Box Classic B, inkl. PyroBubbles Premium	2835 x 2135 x 957	2159-2699 x 1460-2000 x 570	2990	736	2024	842
2609	LP1-Box Basic B, incl. PyroBubbles Premium	2835 x 2135 x 957	2159-2699 x 1460-2000 x 570	2990	736	2024	842
2610	LP-Box² X1 B, incl. PyroBubbles Premium (double-walled)	3190 x 2190 x 1407	2700 x 1700 x 649	2983	2008	3960	800

*approx. value

Together with various partners, we conduct certified fire tests and can therefore also quickly produce special boxes and qualify them for approval.