



action cases
protective storage systems



Packaging of Lithium-Ion batteries

Sustainable and reusable packaging in accordance with current regulations

Did you know that **Lithium-Ion batteries are classified as dangerous goods?**



Because of their high energy density Lithium batteries are classified in class 9: Miscellaneous Dangerous Goods.

When Lithium batteries are damaged, misused, defective or even if they are incorrectly packed, they can overheat and ignite.



Avoid dangerous situations and fines!

Is transportation of Lithium-Ion batteries dangerous?

No!

As long as you transport by the rules!

Safety starts at the source...

Safe transport starts with the packaging producer. Therefore, only do business with trustworthy, reputable producers. The manufacturing process of a case with interior for Li-Ion is very complex. Lithium-Ion batteries are covered by class 9 and must therefore be protected against short circuits!

Packaging with UN approval...

If your packaging producer can give a product with a valid UN approval, you know you're in good hands!

After all, he must ensure that his packaging complies with basic requirements and should therefore pass a number of tests. It involves, for example a drop test or a stack test. The results of these tests are translated into a UN certification.



... and mandatory stickers

These depend on (complex) regulations and applicable transport conditions. Therefore, get informed by a specialist!

Li-Ion



Application:
Transportation battery underwater scooter defence
Approved for air transport worldwide

Some basic requirements for UN approved packaging



Drop resistant



Water resistant



Continuous quality



UN approval =
specific case with
specific interior



Every transport of Lithium-Ion batteries must comply with **packaging instructions!**

Transportation batteries

Provide an inner packaging that completely encloses the battery!

Pack the batteries separately!

Outer packing has to withstand a drop of 1.2m without:

- Damaging batteries
- Moving batteries -
- Loss of contents



UN approval, packaging and interior form 1 unit

The packaging of Lithium-Ion batteries will be inspected with interior. When the interior is modified or deleted, the case no longer complies with the basic requirements! Therefore the UN approval expires!

What we want to know from you.

- Is it a Lithium-Ion batterie?
- How much Kwh does the battery have?
- What are the dimensions and the weight of the batteries?



What is important for a UN approval?

- Do you transport by road/water/rail or by air?
- How many cells/batteries/battery packs you want to transport?
- What is the exact type and specifications?
- Do you transport the batteries/cells seperately or with/in a product?

Do you also need a sustainable, reusable packaging with UN approval?

Please contact Action Cases for your UN approved lithium battery case enquiries:

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