

Information Sheet

- applicable till 30.06.2025 -

Data Loggers, Tracking Devices etc. according to ADR 2023

With the ADR 2021 a new regulation for the usage of data loggers, tracking devices and similar equipment was introduced. This new regulation can be found in the ADR in Section 5.5.4.

Differentiation

One must distinguish whether

1. the devices are active during transport and data is being recorded or sent; or
2. the devices themselves are shipped as cargo consignment, e.g. a return transport to validation after use or shipping for calibration.

1. Regulation for the usage of active data loggers, tracking tools etc.

Dangerous Goods (e.g. lithium batteries, fuel cell cartridges) that are contained in such data loggers or tracking devices, which are attached to or placed inside packages, overpacks, containers or storage compartments **are only subject to the following ADR regulations:**

- a) The device must be used during transport or intended for use during transport.
- b) The dangerous goods contained in the device (e.g. lithium batteries, fuel cell cartridges) must **fulfill the respective design and test requirements of the ADR.**

For lithium cells and batteries these are e.g. the confirmation in form of the **UN 38.3 Test Summary**

that the **UN test series 38.3** has been successfully passed and that the lithium cells/batteries were manufactured according to the **Quality Management Program**.

- c) The device must withstand the shocks and loadings normally encountered during transport.

2. Regulations for data logger etc. as cargo consignments

When it is a cargo consignment, e.g. a return transport to validation after use or shipping for calibration, the normal ADR regulations for equipment containing lithium cells/batteries apply.

Our respective checklist articles you can find via the normal menu selection and then use.

It is either UN number UN 3091 or UN 3481.

This information we present to you free of charge.

We're glad that we could be of help to you!

Your Lithium Battery Service Team