

Information on handling lithium batteries

This document provides information about the requirements and conditions that have to be observed when handling and transporting lithium batteries and devices that contain these batteries.

Information about lithium metal batteries:

Our devices exclusively contain lithium metal batteries, these cannot be recharged.

Lithium batteries are subject to the regulations of the *dangerous goods directive* and the *European agreement concerning the international carriage of dangerous goods by road (ADR)*, since they are potentially hazardous. During a chemical reaction with water or combustion of the lithium batteries, potentially explosive and unhealthy gases such as chlorine and sulphur dioxide are produced.

The applicable regulations require that lithium batteries or devices that contain these be specially labelled before transport. In addition, certain packaging requirements have to be met.

Accompanying documents and marking of the transport box

The transport boxes or packaging for lithium batteries and all QUNDIS devices that use these batteries are always subject to a marking requirement. We expressly recommend the further use of the packaging used by QUNDIS GmbH for transport, since this fulfils all the necessary marking and labelling requirements. Care must be taken that nothing is glued over these labels. The special requirements concerning the protective function of the packaging are also fulfilled by the packaging used by QUNDIS (furthermore, if the product becomes damaged as a result of the use of different packaging, warranty and guarantee claims can be rendered invalid).

No transport documents are necessary in the case of measuring instruments (e.g. electronic water meters, heat meters, heat cost allocators, add-on modules), but the following information must be provided on the delivery note and the packaging: *Caution. Lithium metal batteries. If the package becomes damaged, it has to be isolated, checked and repacked. Further information under +49(3601) 4683-0.*

Special regulation for network nodes

In addition to the points listed above, a transport document (see sample transport document) must accompany the shipment of network nodes WTT16, RCU3 and RCU4, and labelling and marking must be attached (see QUNDIS label document) (refer also to the original QUNDIS packaging).

Release in connection with the type of transport involved

The requirements of the ADR (according to 1.1.3.1 C) do not apply when deliveries or return deliveries are carried out from building sites or in connection with measurements, repairs or servicing work, but measures must be taken to prevent the load becoming loose or damaged under normal transport conditions. The labelling and marking obligations remain valid, see original packaging of the QUNDIS products.

Further notes

Lithium batteries must not be stacked or transported in loose bulk.
Please note the emergency instructions for accidents involving lithium batteries.