

26 June 2025

Battery transport instructions

Matkahuolto transports the following batteries classified as dangerous goods: UN 2794, UN 2795, UN 2800, UN 3028, UN 3090, UN 3091, UN 3480, UN 3481 and UN 3496. The transport of batteries is subject to ADR legislation and Matkahuolto's own terms and conditions and class-specific restrictions.

Wet-cell and dry-cell batteries (UN 2794, UN 2795, UN 3028)

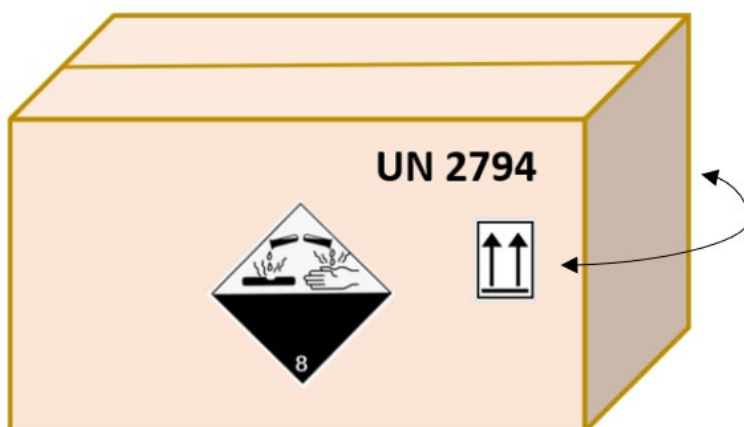
When shipping wet-cell and dry-cell batteries, please note the following:

- You must purchase the **Dangerous Goods (ADR)** extra service for your consignment.
- Batteries must be packed in rigid outer packaging.
- The internal support material in the package must be sufficient to prevent the battery from moving inside the package.
- The battery terminals must be protected against short circuits. You must also make sure that the battery terminals are not connected to any units that are switched on.
- The batteries must not leak under normal transport conditions.
- For more detailed packaging instructions, check out Traficom's regulation on the transport of dangerous goods by road.
- The package must be marked with an ADR warning label (label no. 8) and the UN number of the substance, preceded by the letters "UN" and, in the case of wet-cell batteries, also with an arrow indicating the upright position of the package. See the example below.
- Wet-cell and dry-cell batteries may not exceed 20 kg per consignment.
- The address label of the package must contain the required ADR information.
- The consignment's EDI message must include the statutory information on dangerous goods for Matkahuolto.
- A separate transport document must be provided to the driver for ADR consignments.

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Example of a warning label (label no. 8) and UN number marking on a package containing a wet-cell battery (UN 2794). As the battery contains liquid, the package must also include directional arrows on two opposite sides of the package, indicating that the package must be kept upright.



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Wet-cell batteries, non-spillable (UN 2800)

Non-spillable wet-cell batteries (UN 2800) are not subject to these regulations if they meet the conditions of special provision 238 (Traficom, Transport of dangerous goods by road). In this case, the consignment is not an ADR consignment and does not require the Dangerous Goods (ADR) extra service. However, the batteries must be packed for transport and the battery terminals must be protected against short circuits. The address label or package must include a note regarding the exemption, e.g. "Exempt from ADR regulations by special provision 238".

Lithium-ion batteries (UN 3480, UN 3481)

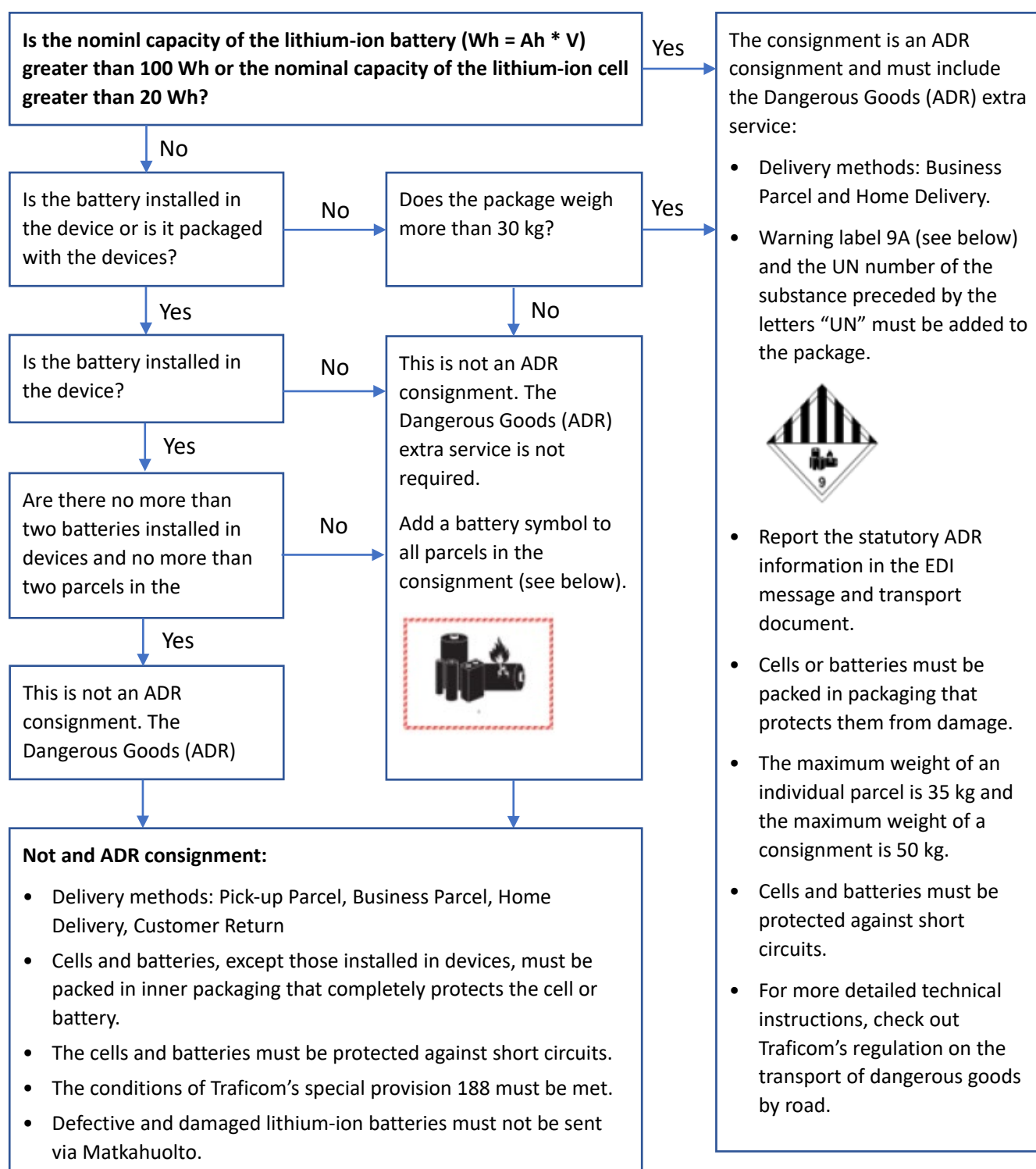
The ADR regulations applicable to the shipment of lithium-ion batteries are affected by factors such as the nominal capacity of the lithium-ion battery. For example, if the nominal capacity ($Wh = Ah * V$) of a lithium-ion battery exceeds 100 Wh, it is considered an ADR consignment and must be accompanied by the Dangerous Goods (ADR) extra service.

See the chart below to determine when a lithium-ion battery must be sent as an ADR consignment with the Dangerous Goods (ADR) extra service.

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SENDING LITHIUM-ION BATTERIES (UN 3480, UN 3481):



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Lithium metal and lithium alloy batteries (UN 3090, UN 3091)

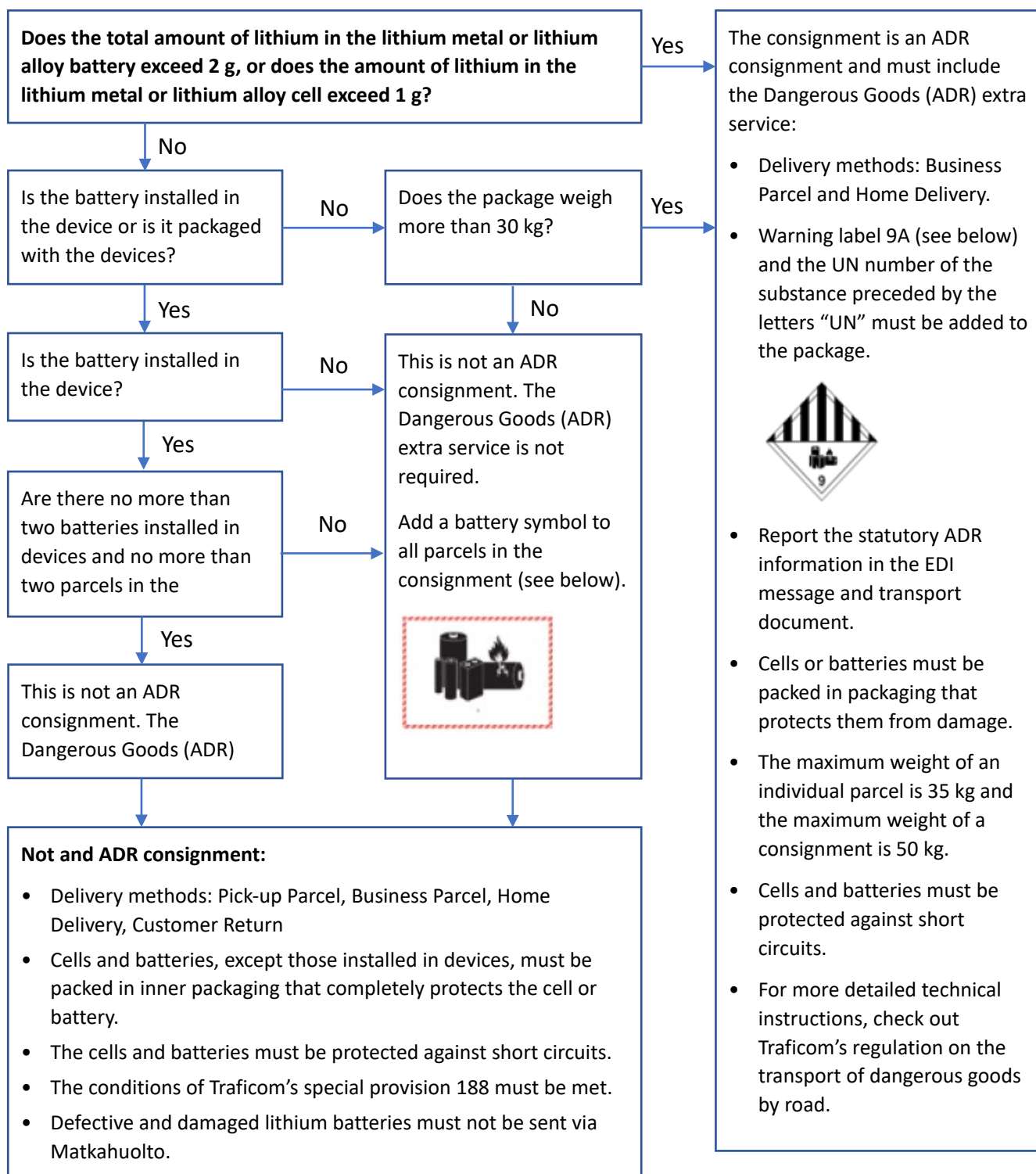
The ADR regulations applicable to the shipment of lithium metal and lithium alloy batteries are affected by, among other things, the total amount of lithium in the lithium metal and lithium alloy batteries. For example, if the total amount of lithium in a lithium metal or lithium alloy battery exceeds 2 g, the consignment is considered an ADR consignment and must be accompanied by the Dangerous Goods (ADR) extra service.

See the chart below to determine when a lithium metal or lithium alloy battery must be sent as an ADR consignment with the Dangerous Goods (ADR) extra service.

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SENDING LITHIUM METAL AND LITHIUM ALLOY BATTERIES (UN 3090, UN 3091):



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Batteries, nickel-metal hybride (UN 3496)

Nickel-metal hybride batteries (UN 3496) are not subject to ADR regulations. However, the batteries must be packed for transport. The consignment does not require the Dangerous Goods (ADR) extra service.