Product information | Transport of CU8130 UPS components, battery-backed

The CU8130-0xx0 device series are battery-backed, uninterruptible power supplies (UPS) in which nickel-metal hydride (NiMH) batteries are used as energy storage. The UPS is designed to provide a battery-backed uninterruptible power supply during power failures. These include the product variants:

- CU8130-0120: UPS with 24 V output voltage, 110 W power output and a capacity of 15 Wh.
- CU8130-0240: UPS with 24 V output voltage, 220 W power output and a capacity of 30 Wh.
- C9900-U015: spare battery module, 15 Wh, suitable for CU8130-0120.
- C9900-U030: spare battery module, 30 Wh, suitable for CU8130-0240.

Transport instructions for road, sea and air transport

The contained NiMH battery is assigned to UN 3496 BATTERIES, NICKEL-METAL HYDRIDE, Class 9 or BATTERIES, NICKEL-METAL HYDRIDE in the Transport Regulations.

1. Road transport

In road transport, this battery (NiMH battery) is not subject to the regulations of the ADR. This means that the UPS components can be shipped without observing the regulations of the ADR.

2. Sea transport

In sea transport, this battery (NiMH battery) is not subject to the provisions of the IMDG Code if

- they are packed with equipment or
- they are packed in equipment.

The basis for this exemption is special provision 963 IMDG Code. If the battery is shipped individually by sea, the battery must be securely packed and protected against short circuit. It is not subject to the other provisions of the IMDG Code if it is loaded in a cargo transport unit with a total gross mass of less than 100 kg. If the battery is loaded into a cargo transport unit in a total quantity exceeding 100 kg gross mass, it is subject to the provisions on documentation according to section 5.4.1, marking according to section 5.4.3 and the stowage and segregation requirements of the IMDG Code.

3. Air transport

NiMH batteries, NiMH battery-powered devices or equipment in air transport must be prepared for transport as follows:

- prevention of short circuits (e.g., for batteries, effective insulation of exposed terminals, or for equipment, disconnecting the battery and protecting exposed terminals); and
- unintentional switch-on.

The carrier needs the following information: *"not restricted"* and *"Special provision A199"* with the description of the battery or equipment for issuing the Airway Bill.