

2.3 Fundamental safety instructions

The following safety instructions must be observed when handling the battery pack.

Application conditions

- Do not use the battery pack under extreme environmental conditions.
- Never use the battery pack in potentially explosive atmospheres.
- Provide openings in the control cabinet walls for sufficient ventilation of the control cabinet in accordance with DIN EN IEC 62485-2. This avoids the risk of explosion due to gas escaping from the battery packs.
- Never plug or unplug connectors during thunderstorms. There is a risk of electric shock.
- Ensure protective earthing of the battery pack.

Damage to property and impairment of functions

- Ensure that only trained specialists with a control and automation engineering background, operate the PC to which the battery pack is connected. Use by unauthorized persons can lead to damage to property.
- Extinguish the battery pack with foam halogens in case of fire or with a large amount of spray water in case of large fires.

2.4 Operator's obligation to exercise diligence

The operator must ensure that

- the products are only used as intended (see chapter 2.2 Intended use (► 6)).
- the products are only operated in sound condition and in working order.
- only sufficiently qualified and authorized personnel operate the PC to which the battery pack is connected.
- the personnel is instructed regularly about relevant occupational safety and environmental protection aspects, and is familiar with the operating instructions and in particular the safety instructions contained herein.
- the operating instructions are in good condition and complete, and always available for reference at the location where the products are used.