

Qoltec[®]



SAFETY WARNINGS FOR USE VRLA and LiFePO4 BATTERIES

The following list of safety warnings has been compiled in accordance with the requirements of the General Product Safety Regulation (EU) 2023/988 (GPSR). Its purpose is to protect users from potential hazards arising from the misuse of products. The warnings have been formulated in a simple and understandable way to be accessible to a wide audience, including the elderly and people with reduced mobility.

The VRLA and LiFePO4 batteries on offer from the manufacturer NTEC sp. z o.o. are CE certified, which proves their compliance with EU safety standards.

Use VRLA and LiFePO4 batteries according to their intended use and manufacturer's recommendations.

BASIC HAZARDS AND PRECAUTIONS

1. Basic precautions:

- The installation of batteries should only be entrusted to persons with the appropriate knowledge and skills in handling batteries
- Before installing or operating a battery, be sure to read the operating instructions provided by the manufacturer.

2. Risk of electric shock:

- Always disconnect the battery from the electrical circuit before handling or maintaining it.
- Do not touch the battery terminals with wet hands or metal tools to avoid a short circuit.
- Check that the cables and connectors are in good working order and properly insulated.

3. Risk of overheating and explosion:

- Never overcharge a battery - use chargers compatible with the technology of the battery in question and follow the recommendations for charging parameters.
- Do not expose the battery to direct fire or extremely high temperatures (temperature range specified in the product specification).
- Ensure that the battery is properly ventilated during operation and charging to prevent the build-up of gases.

4. Risk of electrolyte leakage and corrosion:

- Ensure that the battery is fitted in the position in accordance with the manufacturer's instructions
- Avoid contact with electrolyte - in the event of a spill, immediately flush the affected area with water and seek medical advice if electrolyte has come into contact with skin or eyes.
- Keep the battery away from chemicals that can cause corrosive reactions.

5. Mechanical risks:

- Use handles or special tools when carrying the battery to avoid back injury or dropping the device.
- Do not attempt to open or repair the battery - if damaged, contact an authorised service centre.

SPECIFIC HAZARDS ARISING FROM USE

6. Precautions under specific conditions:

- In damp environments, ensure that the battery and its cables are protected from water by using additional enclosures or insulation.

- Avoid installing the battery in areas exposed to direct frost - extreme temperatures can affect its performance and safety.
- Mount the battery away from heat sources and sparking devices.

MAINTENANCE PRECAUTIONS

7. Risks arising from inadequate maintenance:

- Check the state of charge of the battery regularly and make sure it is stored at room temperature when not in use.
- Store the battery in a dry place and on a surface that does not conduct electricity. Follow the information in the battery manual.
- Dispose of used batteries at authorised electro-waste collection points in accordance with local regulations.

ADDITIONAL WARNINGS

8. Child protection

- Keep batteries out of the reach of children.

9. Environmental warnings:

- Do not dispose of batteries in municipal waste - they contain environmentally harmful materials.
- Follow local regulations for the disposal and recycling of batteries.

10. Avoid modifications

- Do not attempt to modify or repair the battery yourself. In the event of problems, contact the manufacturer's authorised service centre.

11. Action in the event of an emergency:

- If the unit exhibits abnormal operation, such as overheating, sparking, unusual odour or noises, immediately switch it off and disconnect it from the power supply and then contact the service centre.
- If you observe any unsafe product behaviour, contact the manufacturer urgently.

THE IMPORTANCE OF COMPLYING WITH THE WARNINGS

Following the above warnings minimises the risk of personal injury, equipment failure and property damage. Ignoring the recommendations can lead to serious health and material risks. Keep yourself and your loved ones safe by observing the precautions indicated.

PRODUCER

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