

Ni-Cd & Ni-MH Battery Precautions



Preamble:

Thank you for choosing Hytronik. We are committed to providing high-quality emergency lighting products, designed with integrated Ni-Cd and Ni-MH batteries to ensure reliable emergency performance.

To maintain battery safety, ensure proper operation of emergency devices, and provide a smooth user experience, the following precautions and usage instructions apply to all Hytronik emergency products equipped with Ni-Cd or Ni-MH batteries.

1. Storage Conditions

- Temperature range: 0 ~ +35°C
- Maximum humidity: 85%
- Storage period: Up to 1 year under recommended conditions
- Recommended pre-use storage: Batteries should be used within 6 months after receipt
- Maintenance:
 1. Ni-Cd: Charge and discharge at least once every 6 months
 2. Ni-MH: Charge and discharge at least once every 3 months

2. Handling & Usage Warnings

- Do not over-discharge
- Do not solder directly onto the battery
- Operate only within specified temperature range
- Avoid mechanical shocks

3. Safety Hazards

- Do not throw batteries into fire or attempt to disassemble
- Electrolyte is strongly alkaline and may damage skin or clothing
- Avoid short circuits
- Short circuits may cause leakage

△ Note: Following these guidelines ensures reliable battery performance, extends battery life, and maintains safe operation of your Hytronik emergency lighting products.



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