Ansmann 2850mAH AA

Ansmann Energy AA 2850mAh Ni-MH Rechargeable Batteries User Manual

Model: 2850mAH AA

1. Introduction

Welcome to the user manual for your Ansmann Energy AA 2850mAh Ni-MH Rechargeable Batteries. These high-performance batteries are designed to provide reliable and long-lasting power for a wide range of electronic devices. Please read this manual thoroughly to ensure safe and optimal use of your batteries.

2. Safety Information

Observe the following safety precautions to prevent personal injury or damage to your batteries and devices:

- Do not short-circuit, incinerate, or disassemble the batteries.
- Keep batteries out of reach of children.
- Use only with compatible Ni-MH battery chargers.
- Do not mix new and used batteries, or batteries of different types or brands.
- Do not expose batteries to water or extreme temperatures.
- If a battery leaks, avoid contact with skin and eyes. Seek medical attention if contact occurs.
- Dispose of depleted batteries according to local regulations.

3. Product Features

The Ansmann Energy AA 2850mAh Ni-MH rechargeable batteries offer the following characteristics:

- **Battery Type:** Ni-MH (Nickel-Metal Hydride)
- **Size:** AA (Mignon HR6)
- **Nominal Voltage:** 1.2V
- **Typical Capacity:** 2850mAh

- **Minimum Capacity:** 2650mAh
- **Recharge Cycles:** Up to 1000 times
- **Low Self-Discharge:** Designed to retain charge for extended periods, approximately 5% discharge per month.
- **High Current Output:** Suitable for devices with high power consumption.



Image 1: Ansmann Energy AA 2850mAh Ni-MH Rechargeable Batteries (4-pack). The blister packaging displays key features such as 'NiMH AA', '2850 AKKU', 'min 2650mAh', '1000x rechargeable', and '2 Years Warranty'.

4. Setup and Charging

To prepare your Ansmann rechargeable batteries for use:

1. **Insert into Charger:** Carefully insert the batteries into a compatible Ni-MH battery charger. Ensure that the positive (+) and negative (-) terminals of the batteries align correctly with the charger's contacts.
2. **Charging Process:** Follow the specific instructions provided with your battery charger for optimal charging times and procedures.

3. **Initial Cycles:** New rechargeable batteries may require 2-3 full charge and discharge cycles to reach their maximum capacity and performance.

5. Operating Instructions

Using your Ansmann rechargeable batteries in devices:

- **Correct Polarity:** Always insert batteries into your device observing the correct positive (+) and negative (-) polarity markings. Incorrect insertion can damage the device or batteries.
- **Device Compatibility:** These batteries are suitable for a wide range of electronic devices, particularly those requiring high current output.
- **Simultaneous Replacement:** For devices that use multiple batteries, replace all batteries simultaneously to ensure consistent performance and prevent over-discharge of individual cells.

6. Maintenance and Storage

Proper care and storage will extend the lifespan of your batteries:

- **Storage Conditions:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Long-Term Storage:** For extended storage periods, it is recommended to charge the batteries to approximately 50-70% of their capacity. This helps maintain battery health.
- **Contact Cleaning:** Periodically clean the battery contacts with a dry, clean cloth to ensure good electrical connection.
- **Avoid Over-Discharge:** Do not leave batteries in a completely discharged state for prolonged periods, as this can reduce their lifespan.

7. Troubleshooting

If you encounter issues with your Ansmann rechargeable batteries, consider the following:

Problem	Possible Cause	Solution
Batteries not charging	Incorrect polarity in charger, faulty charger, dirty contacts.	Ensure correct polarity. Test charger with other batteries. Clean battery and charger contacts.
Short run-time in device	Batteries not fully charged, device has high power consumption, batteries nearing end of life.	Ensure batteries are fully charged. Consider if the device's power demands are very high. Replace batteries if they have undergone many charge cycles.
Device not powering on	Incorrect battery insertion, uncharged batteries, faulty device.	Check battery insertion and polarity. Ensure batteries are charged. Test device with known working batteries.

8. Specifications

- **Battery Type:** Ni-MH
- **Size:** AA (Mignon HR6)

- **Nominal Voltage:** 1.2V
- **Typical Capacity:** 2850mAh
- **Minimum Capacity:** 2650mAh
- **Recharge Cycles:** Up to 1000
- **Self-Discharge Rate:** Low (approx. 5% per month)
- **Dimensions:** Standard AA size

9. Warranty and Support

Ansmann Energy AA 2850mAh Ni-MH Rechargeable Batteries come with a**2-year warranty**. This warranty covers manufacturing defects under normal use conditions.
For technical support, warranty claims, or further inquiries, please contact Ansmann customer service through their official website or authorized distributors. Please retain your proof of purchase for warranty purposes.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question