

Ansmann Powerline 4 Smart

ANSMANN Powerline 4 Smart Battery Charger User Manual

Model: Powerline 4 Smart

Brand: Ansmann

1. INTRODUCTION

Thank you for choosing the ANSMANN Powerline 4 Smart battery charger. This intelligent charger is designed to safely and efficiently recharge your NiMH AA (Mignon HR6) and AAA (Micro HR03) rechargeable batteries. Please read this manual carefully before first use to ensure proper operation and to maximize the lifespan of your batteries and charger.

2. SAFETY INFORMATION

- Use this charger only for NiMH AA and AAA rechargeable batteries. Do not attempt to charge other battery types (e.g., alkaline, lithium) as this may cause explosion, leakage, or personal injury.
- Do not expose the charger to rain, moisture, or extreme temperatures.
- Ensure proper polarity when inserting batteries. The charger features reverse polarity protection.
- Do not disassemble or modify the charger. Refer all servicing to qualified personnel.
- Unplug the charger from the power outlet when not in use or before cleaning.
- The charger incorporates an automatic shutdown (-dU) and an 8-hour safety timer to prevent overcharging.
- Keep out of reach of children.

For detailed safety information, please refer to the safety document provided with your product.

3. PRODUCT OVERVIEW

3.1 Key Features

- Intelligent charging: Automatically and individually charges 1 to 4 NiMH AA/AAA batteries.
- Automatic charge termination: Stops charging when batteries reach 100% capacity.

- Trickle charge: Maintains full charge once batteries are charged.
- Defective battery detection: Identifies and signals faulty rechargeable batteries.
- Accu Repair mode: Revives deeply discharged or 'tired' rechargeable batteries.
- Safety features: Reverse polarity protection, -dU automatic shutdown, 8-hour safety timer.

3.2 Package Contents

- 1x ANSMANN Powerline 4 Smart Battery Charger with integrated power supply (100-240V)
- 1x User Manual

3.3 Product Components



The ANSMANN Powerline 4 Smart charger with both AA (Mignon HR6) and AAA (Micro HR03) NiMH rechargeable batteries inserted. The charger is designed for safe and gentle charging, accommodating 1 to 4 batteries of these types.

The charger features four individual charging slots for AA or AAA batteries and LED indicators above each slot to show the charging status.

4. SETUP

4.1 Connecting the Charger

1. Ensure the charger is clean and dry before connecting to power.

2. Plug the integrated power plug of the ANSMANN Powerline 4 Smart charger directly into a standard wall power outlet (100-240V AC).



The ANSMANN Powerline 4 Smart charger securely plugged into a wall outlet, ready for charging.

4.2 Inserting Batteries

1. Open the battery compartment if applicable, or simply slide batteries into the slots.
2. Insert 1 to 4 NiMH AA (Mignon HR6) or AAA (Micro HR03) rechargeable batteries into the charging slots.
3. Ensure correct polarity (+ and -) by matching the battery terminals with the markings on the charger slots. The charger has reverse polarity protection.



The ANSMANN Powerline 4 Smart charger, designed for NiMH AA and AAA rechargeable batteries, with batteries correctly inserted.

5. OPERATING INSTRUCTIONS

5.1 Charging Process

Once batteries are correctly inserted and the charger is plugged in, the charging process begins automatically for each individual battery. The LED indicator above each slot will show the charging status:

- **Green Flashing:** Pre-charge mode (initial phase of charging).
- **Red:** Fast charge mode (main charging phase).
- **Green:** Ready / Trickle charge mode (battery is fully charged and maintained).
- **Red Flashing:** Defective battery detected.

The charging time for a 1000 mAh battery is approximately 2 hours and 30 minutes. For a 2500 mAh battery, it is approximately 6 hours.



The charger with four batteries, illustrating the approximate charging time of 2 hours and 25 minutes for a 1000 mAh battery.

5.2 Accu Repair Mode

The Powerline 4 Smart features an 'Accu Repair' function. This mode attempts to reactivate deeply discharged or 'tired' NiMH batteries, potentially extending their usable life. This process is automatic and integrated into the charging cycle.

5.3 Defective Battery Detection

The charger automatically detects defective batteries. If a faulty battery is inserted, the corresponding LED indicator will flash red, and the charging process for that specific slot will not proceed. Remove and dispose of defective batteries according to local regulations.

6. MAINTENANCE

6.1 Cleaning

- Always unplug the charger from the power outlet before cleaning.
- Use a dry, soft cloth to wipe the exterior of the charger.
- Do not use liquid cleaners, solvents, or abrasive materials.

- Ensure no dust or debris accumulates in the charging slots.

6.2 Storage

- Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- When not in use for extended periods, unplug the charger.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not starting / No LED activity	No power supply; Charger not properly plugged in.	Check power outlet; Ensure charger is securely plugged in.
LED flashing red	Defective battery detected.	Remove the battery. If it continues to flash red with other batteries, the charger may be faulty.
Battery not charging fully	Battery is old or damaged; Incorrect battery type.	Try the 'Accu Repair' function (automatic). Replace old batteries. Ensure only NiMH AA/AAA batteries are used.
Charger feels warm during operation	Normal during charging.	This is normal. If it becomes excessively hot or emits smoke/odor, unplug immediately and contact support.

8. SPECIFICATIONS

Feature	Specification
Brand	Ansmann
Model Number	1001-0049
Compatible Battery Types	NiMH AA/Mignon/HR6 and AAA/Micro/HR03
Number of Charging Slots	4
Input Voltage	100-240 Volts (AC)
Output Voltage	5 Volts (DC)
Current Intensity	500 mA
Typical Charging Time (1000 mAh)	2.5 hours
Product Dimensions (P x L x H)	67P x 12l x 77H millimeters (Note: The provided dimensions 67P x 12l x 77H mm seem inconsistent with the image 119mm H x 67mm W x 36mm D. Using image dimensions for clarity.)

Feature	Specification
Product Dimensions (Height x Width x Depth)	119 mm x 67 mm x 36 mm
Color	Black
Safety Standards	TÜV certified
Country of Origin	China



A diagram illustrating the physical dimensions of the ANSMANN Powerline 4 Smart charger: 119 mm (height), 67 mm (width), and 36 mm (depth).

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The ANSMANN Powerline 4 Smart charger comes with a 3-year warranty. Please retain your proof of purchase for warranty claims. Spare parts availability in the EU is also 3 years.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact ANSMANN customer support through their official website or the retailer where you purchased the product. Do not attempt to repair the device yourself.

