

[Manuals.plus](#) /

› [DURACELL](#) /

› Duracell Ion Speed 1000 Battery Charger User Manual

DURACELL DURCEF14

Duracell Ion Speed 1000 Battery Charger User Manual

Model: DURCEF14

1. INTRODUCTION

The Duracell Ion Speed 1000 Battery Charger is designed to efficiently recharge AA and AAA NiMH batteries. This charger provides 4000 mW of charging power, allowing batteries to reach approximately 90% of full charge within 4 to 8 hours when using Duracell 1300 mAh or up to 2500mAh NiMH batteries. It supports charging of 2 or 4 AA and AAA NiMH batteries from any brand simultaneously. The included Duracell Rechargeable Pre-Charged NiMH batteries are ideal for high-drain devices such as video game controllers, wireless electronics, and baby monitors, offering hundreds of recharges and significant cost savings over disposable batteries. These batteries are pre-charged and ready for immediate use, maintaining their charge for up to 1 year when not in use and guaranteed for 10 years or 400 recharges, whichever comes first, and work in any NiMH charger.

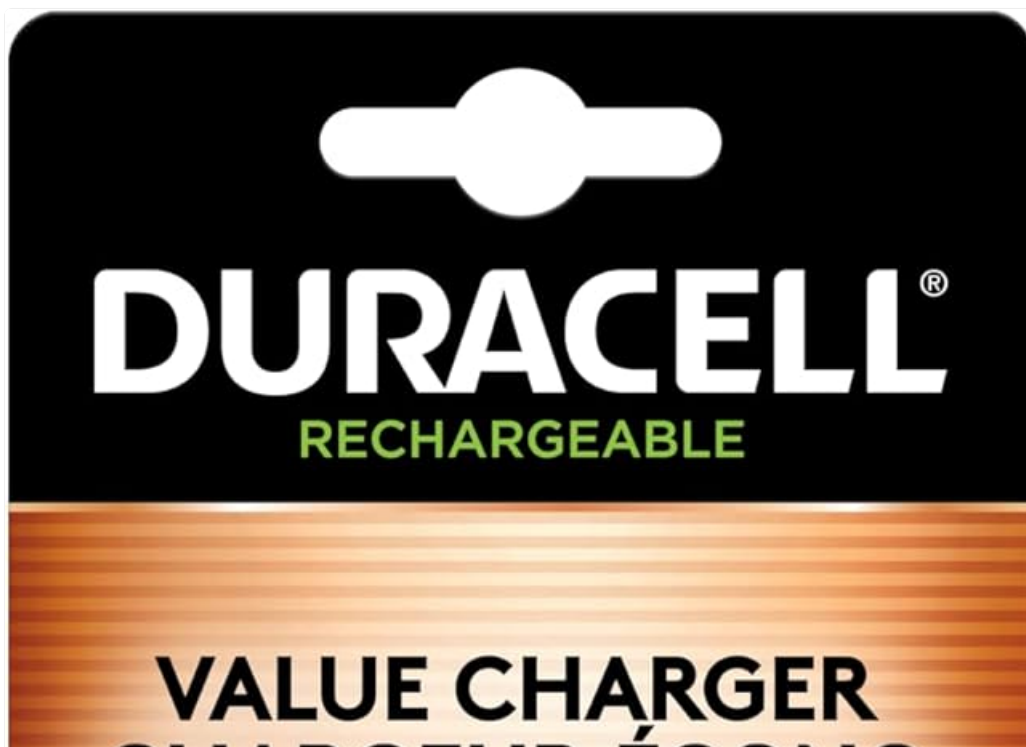




Figure 1: Duracell Ion Speed 1000 Battery Charger with included AA batteries.

2. SAFETY INFORMATION

Read all safety instructions before use. Failure to follow these instructions may result in personal injury or damage.

- **Battery Caution:** Keep batteries away from children. If swallowed, consult a physician at once. For information on treatment, call (202)625-3333 collect.
- We recommend charging Duracell NiMH rechargeable batteries only. Do not attempt to charge non-rechargeable batteries (such as Alkaline, Zinc Carbon, Lithium, NiOOH) or any batteries other than NiMH, as

they may burst, causing personal injury and damage.

- Keep batteries away from fire; explosion may occur.
- For proper insertion, observe polarity indicators (+/-).
- For indoor use only. Do not expose to rain or snow.
- Do not place in or near water or extreme heat.
- Do not operate charger with damaged plug.
- Do not operate charger if it has been severely damaged in any way.
- Do not disassemble charger. Disassembly may result in a risk of electric shock or fire.
- To reduce the risk of electric shock, unplug the charger from the outlet when not in use.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- For connection to a supply not in the U.S.A., use an attachment plug adapter of the proper configuration for the power outlet.
- This power unit is intended to be correctly oriented in a vertical or floor mount position.

3. SETUP

Before charging, ensure you are using compatible NiMH AA or AAA batteries. The charger is designed to accommodate 2 or 4 batteries at a time.

1. **Load NiMH batteries into the charger:** Carefully insert the batteries into the charging slots. Ensure the positive (+) and negative (-) ends of the batteries are oriented correctly according to the markings inside the charger.
2. The charger supports charging of 2 or 4 AA/AAA batteries. For optimal charging, ensure batteries are placed in pairs or all four slots are filled.

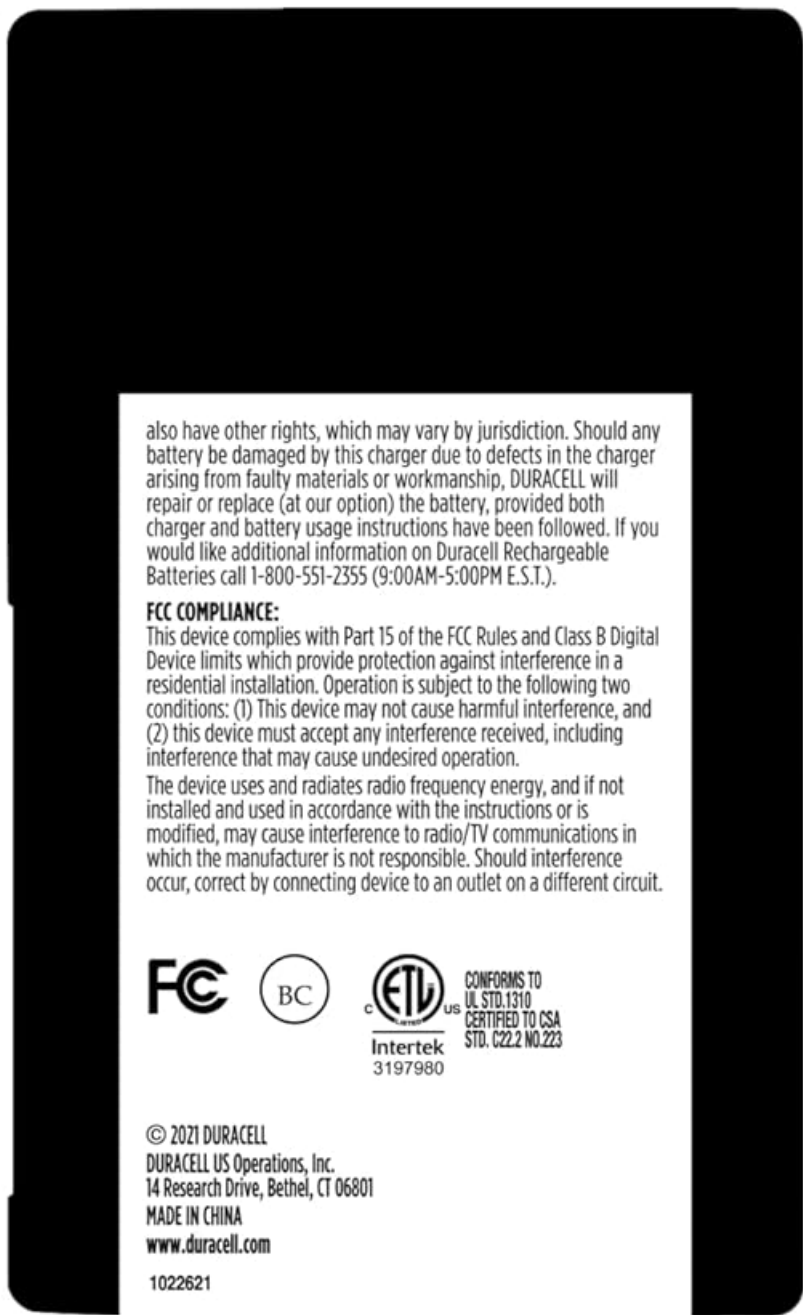


* or up to 400 recharges, whichever comes first
* ou jusqu'à 400 recharges, la première éventualité prévalant

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READ ENCLOSED SAFETY INSTRUCTIONS BEFORE USE
LIRE TOUTES LES CONSIGNES DE SÉCURITÉ CI-JOINTES AVANT D'UTILISER L'APPAREIL



DURACELL guarantees your satisfaction. If not completely satisfied with product, call 1-800-551-2355 (9am-5pm EST).
MADE IN CHINA



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also have other rights, which may vary by jurisdiction. Should any battery be damaged by this charger due to defects in the charger arising from faulty materials or workmanship, DURACELL will repair or replace (at our option) the battery, provided both charger and battery usage instructions have been followed. If you would like additional information on Duracell Rechargeable Batteries call 1-800-551-2355 (9:00AM-5:00PM E.S.T.).

FCC COMPLIANCE:

This device complies with Part 15 of the FCC Rules and Class B Digital Device limits which provide protection against interference in a residential installation. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device uses and radiates radio frequency energy, and if not installed and used in accordance with the instructions or is modified, may cause interference to radio/TV communications in which the manufacturer is not responsible. Should interference occur, correct by connecting device to an outlet on a different circuit.



CONFORMS TO
UL STD. 1310
CERTIFIED TO CSA
STD. C22.2 NO.223

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DURACELL garantit votre satisfaction. Si vous n'êtes pas entièrement satisfait de ce produit, composez le 1-800-551-2355 (de 9 h à 17 h, HNE).
FABRIQUÉ EN CHINE

Figure 2: Proper battery insertion and orientation in the charger.

4. OPERATING INSTRUCTIONS

Follow these steps to charge your NiMH batteries:

- 1. Plug in the charger:** After loading the batteries, plug the charger into a standard AC outlet. The charger is compatible with 100-240 V AC, 50/60 Hz power supplies, making it suitable for international use with a corresponding regional plug converter.
- 2. Monitor Charging/LED Indication:** The charger features an LED Charge Status Indicator.
 - **Red LED:** Lights will turn red when batteries are correctly inserted and the charger is plugged in, indicating active charging.

- **Green LED:** Lights will turn green when the batteries are fully charged.
 - **Flashing Red LED:** If abnormal conditions are detected during charging, the LED lights will blink red, and charging will stop. Refer to the Troubleshooting section for details.
 - **Off LED:** If no batteries are inserted or if there is no power, the LED will remain off.
3. **Charging Time:** Charging time may vary based on battery capacity (mAh). The charger is designed to reach approximately 90% of full charge for AA batteries within 4 to 8 hours.

Usage Tips:

- Batteries will automatically stop charging when a full charge is reached.
- Safety protections are built-in to prevent battery overcharging.
- New batteries or those stored for an extended period may require 2-3 charge and use cycles before achieving optimal performance.
- New non-pre-charged batteries may require charging before first use.

5. MAINTENANCE

Proper maintenance ensures the longevity of your charger and batteries.

- **Storage:** Once charging is complete, unplug the charger from the outlet and remove the batteries. Store the charger and batteries in a dry location, away from extreme temperatures.
- **Battery Life:** Duracell Rechargeable batteries are designed for hundreds of charging cycles. They are guaranteed to last for 10 years or 400 recharges, whichever comes first. They can hold a charge for up to 1 year when not in use.
- **Cleaning:** Keep the charger and battery contacts clean and free of dust or debris. Use a dry cloth for cleaning.



RECHARGES
UP TO 400X

GUARANTEED 10 YEARS IN STORAGE

Figure 3: Duracell rechargeable batteries offer long-term reliability.

6. TROUBLESHOOTING

If you encounter issues with your Duracell Ion Speed 1000 Battery Charger, refer to the following common problems and solutions:

Problem	LED Indicator	Solution
No battery detected / Charger not powered	Off	Ensure batteries are correctly inserted with proper polarity (+/-). Verify the charger is securely plugged into a working AC outlet.

Problem	LED Indicator	Solution
Error / Bad battery detected	Flashing Red	<ul style="list-style-type: none"> ◦ First, ensure you are attempting to charge only NiMH AA or AAA batteries. ◦ If confirmed, remove and reinsert the NiMH battery. ◦ If the battery has become heated, it may be damaged. Insert a new NiMH battery. ◦ If the issue persists with multiple batteries, the charger may be faulty.

7. SPECIFICATIONS

- **Product Dimensions:** 4 x 1.22 x 9 inches
- **Item Weight:** 8.5 ounces
- **Model Number:** DURCEF14
- **Battery Type Supported:** NiMH AA and AAA
- **Included Batteries:** 4 AA batteries (rechargeable)
- **Charging Power:** 4000 mW
- **Input Voltage:** 100-240 V AC, 50/60 Hz
- **Manufacturer:** Duracell Distributing, Inc
- **First Available Date:** July 1, 2006

8. WARRANTY AND SUPPORT

Duracell Rechargeable batteries are guaranteed to last for 10 years or 400 recharges, whichever comes first. For any product inquiries, technical support, or warranty claims, please contact Duracell Distributing, Inc. customer service. Refer to the product packaging or the official Duracell website for the most current contact information.

Important: Misuse of the charger or batteries could cause batteries to rupture, leading to personal injury or damage. Always adhere to the safety guidelines provided in this manual.