

GP 202205

GP Recyco+ Powerbank 420 + 4 AA Charger User Manual

Model: 202205

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the GP Recyco+ Powerbank 420 Charger. This device is designed to efficiently charge your rechargeable AA and AAA NiMH batteries, ensuring your electronic devices are always powered. The charger comes with four high-performance GP ReCyko+ AA 2000mAh batteries, known for their low self-discharge and long-lasting power. This manual provides essential information on how to safely and effectively use your new charger and batteries. Please read it thoroughly before first use and keep it for future reference.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the product or property.

- Use this charger only with NiMH rechargeable batteries. Do not attempt to charge alkaline, carbon-zinc, or any other type of non-rechargeable batteries, as this may cause leakage, rupture, or explosion.
- Do not expose the charger to rain or moisture. Use indoors only.
- Do not disassemble, modify, or attempt to repair the charger. Refer all servicing to qualified service personnel.
- Keep out of reach of children. This is not a toy.
- Ensure proper polarity when inserting batteries (+ to + and - to -). Incorrect insertion can cause damage to the charger or batteries.
- Do not short-circuit the battery terminals.
- Unplug the charger from the power outlet when not in use or before cleaning.
- Do not operate the charger if it has been damaged in any way.
- Avoid charging batteries in direct sunlight or in extremely hot or cold environments.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x GP Recyco+ Powerbank 420 Charger (Model PB420)
- 4 x GP ReCyko+ AA NiMH Rechargeable Batteries (2000mAh)
- 1 x User Manual (this document)

4. PRODUCT FEATURES AND COMPONENTS

The GP Recyco+ Powerbank 420 Charger is a compact and efficient charging solution. Familiarize yourself with its key components:



Figure 1: Front view of the GP Recyco+ Powerbank 420 Charger with four AA batteries inserted. The charger is white with four charging slots and two LED indicators below the slots. The GP PowerBank logo is visible at the bottom center.

- **Charging Slots:** Four individual slots for AA or AAA NiMH batteries.
- **LED Indicators:** Two LED lights indicate the charging status. Typically, a red light indicates charging, and a green light indicates fully charged.
- **Integrated AC Plug:** A foldable plug for direct connection to a wall outlet.

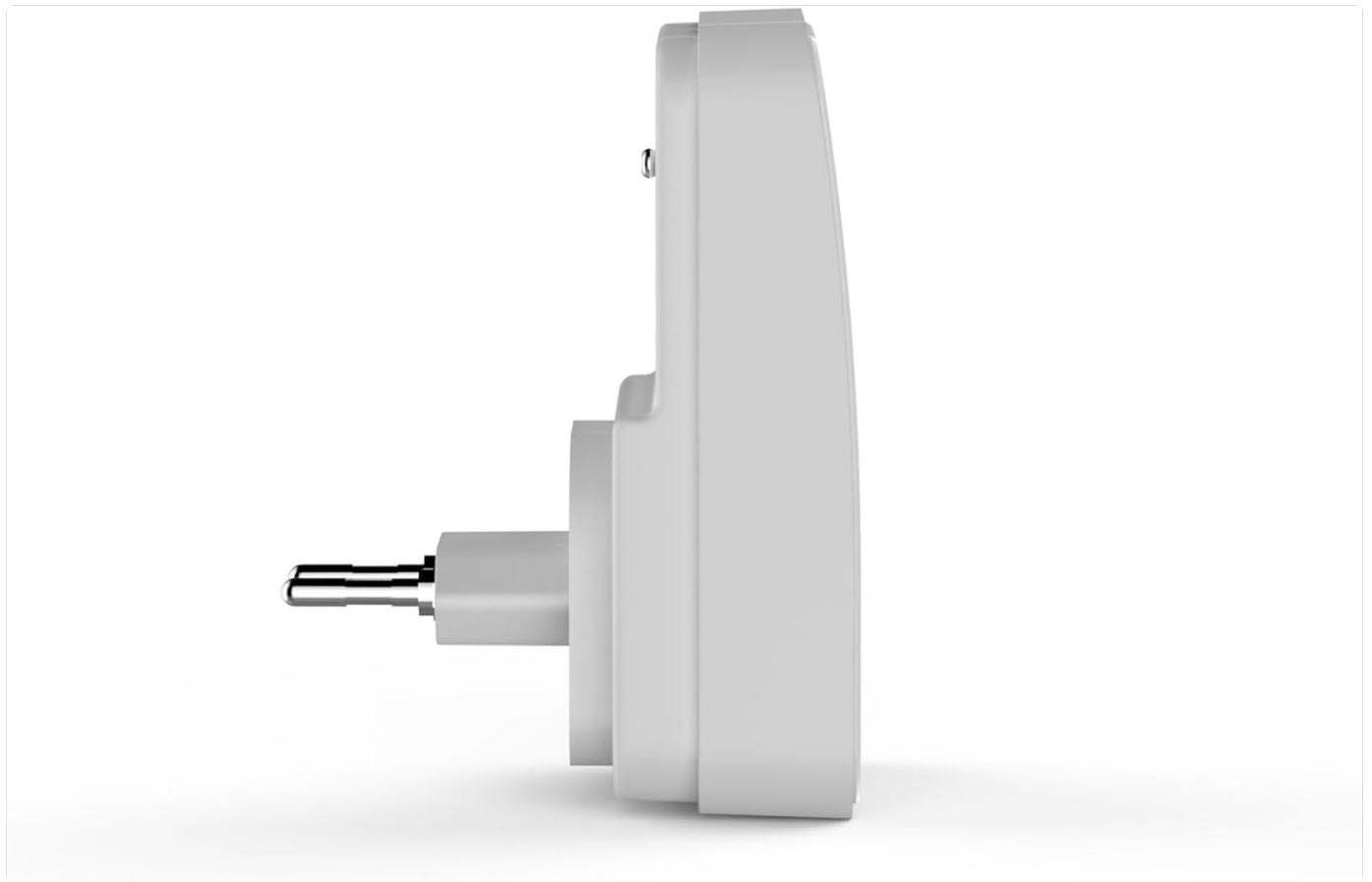


Figure 2: Side view of the GP Recyco+ Powerbank 420 Charger, highlighting its compact design and the integrated AC plug ready for insertion into a wall socket.



Figure 3: Rear view of the GP Recyco+ Powerbank 420 Charger, showing the back casing and the integrated AC plug. This view also shows two small screw holes, possibly for wall mounting.

5. SETUP

1. **Insert Batteries:** Open the battery compartment. Insert 2 or 4 AA or AAA NiMH rechargeable batteries into the charging slots, ensuring correct polarity (+ to + and - to -). The charger can charge 2 or 4 batteries simultaneously.
2. **Connect to Power:** Fold out the integrated AC plug and plug the charger directly into a standard wall power outlet.

6. OPERATING INSTRUCTIONS

Once connected to power with batteries inserted, the charging process will begin automatically.

- **Charging Indication:** The LED indicators will illuminate red to show that charging is in progress.
- **Full Charge Indication:** When the batteries are fully charged, the LED indicators will turn green.
- **Charging Time:** Charging times vary depending on the battery capacity and their initial charge level. For the included 2000mAh AA batteries, a full charge typically takes several hours.
- **Remove Batteries:** Once the LEDs turn green, unplug the charger from the wall outlet and remove the fully charged batteries.

7. MAINTENANCE

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the surface of the charger. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger and batteries in a cool, dry place away from direct sunlight and extreme temperatures. If storing batteries for an extended period, it is recommended to charge them periodically to maintain their performance.
- **Battery Care:** For optimal battery life, avoid completely discharging batteries before recharging.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
LED indicators do not light up when plugged in.	No power from outlet; charger or batteries damaged; batteries inserted incorrectly.	Check the power outlet with another device. Ensure batteries are inserted with correct polarity. If problem persists, charger or batteries may be faulty.
Batteries do not charge or charge slowly.	Batteries are not NiMH; batteries are old or damaged; poor contact.	Ensure only NiMH batteries are used. Try cleaning battery contacts. Replace old or damaged batteries.
Charger feels hot during charging.	Normal operation; poor ventilation.	It is normal for the charger and batteries to warm up during charging. Ensure the charger is in a well-ventilated area. If it becomes excessively hot, unplug immediately.

9. SPECIFICATIONS

Feature	Detail
Brand	GP
Model Number	202205 (PB420)
Product Dimensions	3 x 15 x 15 cm
Item Weight	381 g
Compatible Battery Types	NiMH (AA, AAA)
Battery Voltage (included)	1.20 Volt
Included Batteries	4 x AA Mignon 2000mAh ReCyko+

10. WARRANTY AND SUPPORT

GP products are manufactured to the highest quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official GP Batteries website. If you encounter any issues or require technical assistance, please contact your local GP Batteries distributor or customer support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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