

VOLTCRAFT P9-4

VOLTCRAFT P9-4 9V Block Battery Charger User Manual

Model: P9-4 (Item No. 1527210)

1. INTRODUCTION

Thank you for choosing the VOLTCRAFT P9-4 9V Block Battery Charger. This intelligent charger is designed for 9V block batteries (6F22) of NiCd, NiMH, and Lilon types. It features 5 selectable programs, adjustable charging current, individual slot monitoring, and a backlit LCD screen for clear information display. Please read this manual thoroughly before first use to ensure safe and optimal operation.

2. SAFETY INSTRUCTIONS

- Only use the charger with compatible 9V block batteries (NiCd, NiMH, Lilon). Attempting to charge other battery types may cause damage or injury.
- Do not expose the charger to moisture, rain, or extreme temperatures.
- Ensure proper ventilation during charging. Do not cover the charger.
- Keep out of reach of children.
- Do not disassemble or modify the charger. Refer all servicing to qualified personnel.
- If the charger or power adapter is damaged, discontinue use immediately.

3. PACKAGE CONTENTS

The package includes:

- 1 x VOLTCRAFT P9-4 9V Block Battery Charger
- 1 x Power Adapter
- 1 x User Manual



Image: The VOLT CRAFT P9-4 charger unit shown with its accompanying power adapter.

4. PRODUCT FEATURES

- **Versatile Compatibility:** Charges NiCd, NiMH, and Lilon 9V block batteries (6F22).
- **Multiple Programs:** Offers 5 selectable programs: Charge, Discharge, Test, Quick-test, and Refresh.
- **Adjustable Charging Current:** Allows user to set the charging current.
- **Individual Slot Monitoring:** Each of the four charging slots is monitored independently.
- **Backlit LCD Screen:** Provides clear display of charging status and battery information.
- **Automatic Detection:** Automatically detects battery voltage and initiates charging upon insertion.

5. SETUP

1. **Unpack the Charger:** Carefully remove the VOLT CRAFT P9-4 charger and its power adapter from the packaging.
2. **Connect Power:** Insert the DC plug of the power adapter into the input port on the side of the charger.
3. **Plug into Outlet:** Plug the power adapter into a suitable wall outlet (100-240V AC, 50/60Hz). The charger's LCD screen will illuminate.



Image: The side of the charger with the 12V/DC 1.5A input port clearly visible.

6. OPERATING INSTRUCTIONS

6.1 Inserting Batteries

1. Ensure the charger is powered on.
2. Insert one or more 9V block batteries into the charging slots. Ensure correct polarity (+/-). The charger will automatically detect the battery type and voltage.



Image: A 9V block battery correctly inserted into one of the charger's slots.

6.2 Selecting Programs

The P9-4 offers 5 operating programs:

- **Charge:** Standard charging mode.
- **Discharge:** Discharges the battery before charging.
- **Test:** Charges, discharges, and then recharges the battery to determine its actual capacity.
- **Quick-test:** Quickly checks the battery's internal resistance.
- **Refresh:** Repeatedly charges and discharges the battery to restore its full capacity, especially useful for older batteries.

To select a program:

1. Press the **SLOT** button to select the desired charging slot.
2. Press the **MODE** button repeatedly to cycle through the available programs.

3. Once the desired program is displayed, the charger will begin the operation automatically after a few seconds, or you can press **MODE** again to confirm.

6.3 Adjusting Charging Current

To adjust the charging current:

1. Select the desired slot using the **SLOT** button.
2. Press the **CURRENT** button repeatedly to cycle through the available current options.
3. The selected current will be applied automatically.



Image: The charger's backlit LCD display showing charging status, voltage, and current for multiple batteries.

7. MAINTENANCE

- **Cleaning:** Disconnect the charger from power before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use abrasive cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Contacts:** Periodically check the battery contacts for dirt or corrosion. Clean with a cotton swab and rubbing alcohol if necessary.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on.	No power from outlet; faulty power adapter; loose connection.	Check wall outlet; ensure power adapter is securely connected; try a different outlet.
Battery not charging.	Incorrect battery type; poor battery contact; battery is fully charged or defective.	Ensure battery is compatible; clean battery contacts; try a different battery.
Display shows error message.	Battery fault; over-temperature; incorrect program selection.	Remove and reinsert battery; allow charger to cool down; re-select program.

9. SPECIFICATIONS

- **Brand:** VOLT CRAFT
- **Model:** P9-4 (1527210)
- **Color:** Grey
- **Product Dimensions (D x W x H):** 13 x 21 x 5 cm
- **Output Voltage:** 9V (DC)
- **Rated Current:** 200 mA
- **Compatible Battery Types:** NiCd, NiMH, Lilon 9V Block (6F22)
- **Number of Slots:** 4
- **Compliance:** CE, RoHS, FCC
- **Country of Origin:** China

10. WARRANTY AND SUPPORT

The VOLT CRAFT P9-4 charger comes with a 1-year warranty for spare parts availability within the EU. For technical support, warranty claims, or service inquiries, please contact your retailer or the official VOLT CRAFT support channels. Please retain your proof of purchase for warranty purposes.