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PORTER-CABLE PCMVC

PORTER-CABLE PCMVC MultiVoltage Battery Charger Instruction Manual

Model: PCMVC

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your PORTER-CABLE PCMVC MultiVoltage Battery Charger. This charger is designed to charge PORTER-CABLE Ni-Cad and Li-Ion slide pack batteries. Please read this manual thoroughly before initial use and retain it for future reference.



Figure 1: Front view of the PORTER-CABLE PCMVC MultiVoltage Battery Charger, showing the battery slot and indicator lights.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of injury, the user must read the instruction manual. Use only PORTER-CABLE Ni-CD batteries; any other battery risks exploding and causing injury and damage. Risk of electric shock. 120V AC current present at charger terminals. Do not probe terminals with conductive objects nor charge damaged battery packs. For indoor use only.

- Always disconnect the charger from the power source before attempting any cleaning or maintenance.
- Do not expose the charger to rain or wet conditions. Water entering the charger will increase the risk of electric shock.
- Use only PORTER-CABLE recommended batteries. Charging other types of batteries may cause them to burst, leading to personal injury and damage.
- Do not charge a damaged battery pack. Inspect battery packs for damage before charging.
- Ensure the charger is used in a well-ventilated area. Do not block ventilation openings.
- Keep the charger away from heat sources and direct sunlight.
- This charger is intended for indoor use only.

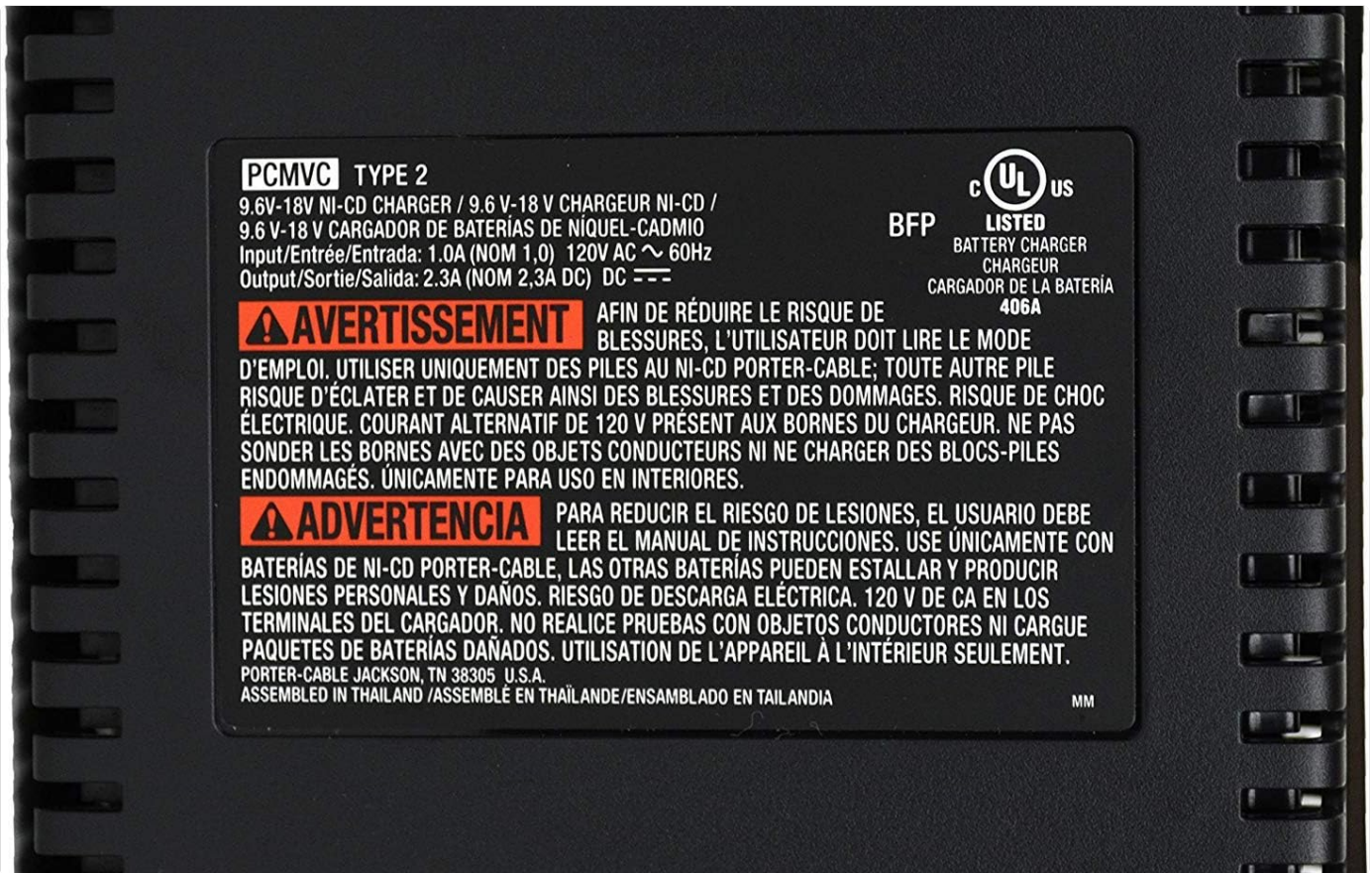


Figure 2: Bottom label of the charger, displaying critical safety warnings and product specifications.

3. PRODUCT FEATURES

The PORTER-CABLE PCMVC charger is designed for convenience and efficiency. Key features include:

- **MultiVoltage Compatibility:** Capable of charging various voltage PORTER-CABLE Ni-Cad and Li-Ion slide pack batteries.
- **Slide Pack Design:** Easy and secure insertion and removal of battery packs.
- **Charge Status Indicators:** Visual indicators to show charging progress and battery status.
- **Compact Design:** Durable and portable for easy storage and transport.



Figure 3: Side view of the charger, highlighting its compact profile and ventilation design.

4. SETUP

1. **Unpack the Charger:** Carefully remove the charger from its packaging. Inspect for any damage that may have occurred during shipping.
2. **Choose a Location:** Select a dry, well-ventilated indoor location with a stable power outlet. Ensure the area is free from flammable materials.
3. **Connect to Power:** Plug the charger's power cord into a standard 120V AC electrical outlet. The charger's indicator light may briefly illuminate to confirm power connection.

5. OPERATING INSTRUCTIONS

Follow these steps to charge your PORTER-CABLE battery pack:

1. **Insert Battery Pack:** Slide the battery pack firmly into the charger's slot until it clicks into place. Ensure it is fully seated.
2. **Monitor Charging:** The charger's indicator lights will show the charging status. Refer to the charger's label or specific battery manual for detailed light patterns (e.g., solid red for charging, solid green for fully charged).
3. **Remove Battery Pack:** Once the battery is fully charged (indicated by the charger light), grasp the battery pack and slide it out of the charger.
4. **Disconnect Charger:** For optimal energy efficiency and safety, unplug the charger from the power outlet when not in use or when charging is complete.

6. MAINTENANCE

Regular maintenance ensures the longevity and performance of your charger:

- **Cleaning:** Disconnect the charger from the power supply. Use a clean, dry cloth to wipe down the exterior of the charger. Do not use harsh chemicals or abrasive cleaners.
- **Terminal Inspection:** Periodically inspect the charger terminals for any debris or damage. Ensure they are clean and free of obstructions.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger indicator light does not illuminate.	No power to the charger; Faulty outlet; Damaged charger.	Check power outlet; Try a different outlet; Inspect power cord; Contact customer support if charger is damaged.
Battery pack does not charge.	Battery not fully inserted; Damaged battery pack; Charger malfunction.	Ensure battery is fully seated; Do not charge damaged battery packs; Contact customer support.

Problem	Possible Cause	Solution
Charger or battery becomes excessively hot.	Overheating due to prolonged use or faulty battery.	Disconnect immediately; Allow to cool; Do not use damaged batteries; Ensure proper ventilation.

8. SPECIFICATIONS

Attribute	Value
Model Number	PCMVC
Product Dimensions	6.13 x 4.75 x 2.63 inches
Item Weight	13.6 ounces
Input Voltage	240 Volts (AC)
Output Voltage	2.4E+2 Volts (DC)
Compatible Battery Types	Ni-Cad, Li-Ion (Porter-Cable slide pack)
Manufacturer	Porter Cable
Date First Available	May 13, 2009

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or visit the official PORTER-CABLE website. Keep your proof of purchase for warranty claims.