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› User Manual for Peakbatt 1800mAh Ni-MH Battery Replacement

Peakbatt CS-VBF2E

User Manual: Peakbatt 1800mAh Ni-MH Battery Replacement

Model: CS-VBF2E

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of your Peakbatt 1800mAh Ni-MH replacement battery, designed for compatibility with devices requiring a Marantz CV-B800 equivalent battery. This battery is a Nickel-Metal Hydride (Ni-MH) type, offering a capacity of 1800mAh and a voltage of 12V, with a rate of 21.6Wh.



Figure 1: Peakbatt 1800mAh Ni-MH Replacement Battery (Model CS-VBF2E)

2. SAFETY GUIDELINES

Please read and understand all safety instructions before using this battery. Failure to follow these guidelines may result in fire, electric shock, injury, or damage to the battery or device.

- **DO NOT** attempt to disassemble, open, or service the battery pack.
- **DO NOT** crush, puncture, short external contacts, or dispose of in fire or water.
- **DO NOT** store above 60°C (140°F).
- Replace only with the battery pack designated for this product.
- Keep the battery away from children.
- Dispose of used batteries according to local regulations.

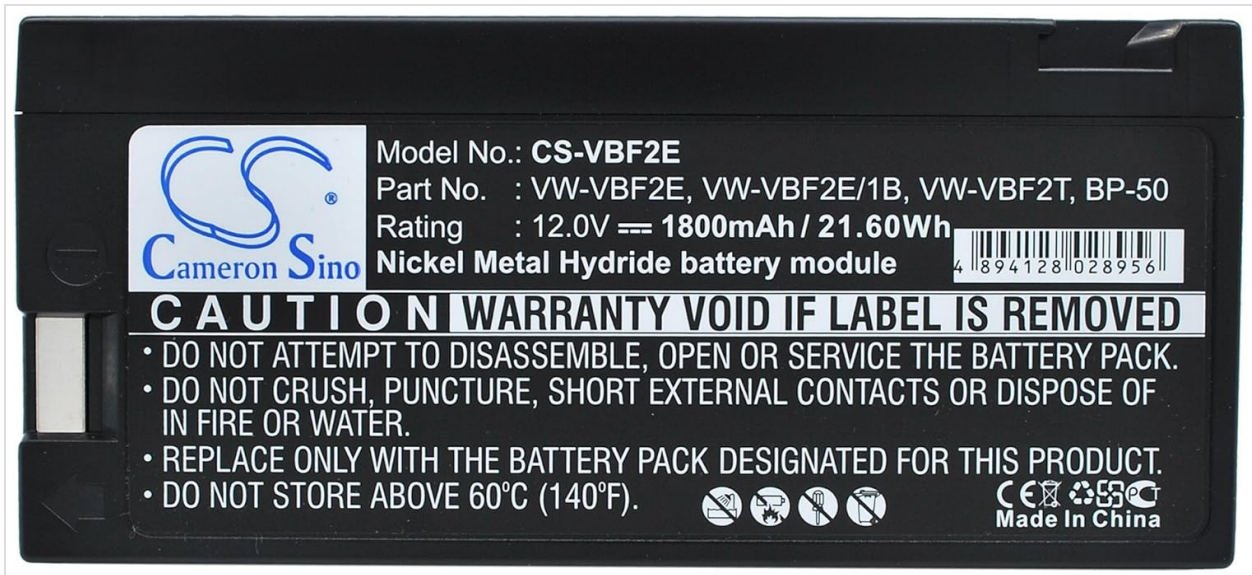


Figure 2: Close-up view of the battery label, highlighting safety warnings and specifications.

3. SETUP AND INSTALLATION

Before installation, ensure your device is powered off and disconnected from any power source. Always refer to your device's original instruction manual for specific battery replacement procedures.

1. **Verify Compatibility:** Confirm that the part number of this battery (CS-VBF2E) matches the requirements of your device (e.g., Marantz CV-B800).
2. **Remove Old Battery:** Carefully open the battery compartment of your device and remove the old battery.
3. **Insert New Battery:** Align the new Peakbatt battery with the contacts in the compartment. Gently push the battery into place until it is securely seated. Ensure proper polarity.
4. **Close Compartment:** Close the battery compartment cover securely.



Figure 3: Bottom view of the battery, showing the contact points for proper installation.

4. OPERATION AND CHARGING

This Ni-MH battery is designed for reliable performance. For optimal use, follow these guidelines:

- **Initial Charge:** It is recommended to fully charge the battery before its first use.
- **Charging:** Use a charger compatible with Ni-MH batteries and your device. Avoid overcharging, as this can reduce battery life.
- **Discharge:** For best performance, allow the battery to fully discharge periodically before recharging. This helps prevent the "memory effect" common in Ni-MH batteries.
- **Operating Temperature:** Use the battery within the recommended operating temperature range specified by your device manufacturer.

5. MAINTENANCE AND STORAGE

Proper care and storage will extend the life of your battery.

- **Cleaning:** Keep battery contacts clean and free of dirt or corrosion. Use a dry cloth to wipe them if necessary.
- **Storage:** If storing the battery for an extended period, store it in a cool, dry place, ideally at a partial charge (around 50%). Avoid extreme temperatures.
- **Avoid Short Circuits:** Do not allow metal objects to come into contact with the battery terminals, as this can cause a short circuit.



Figure 4: Top view of the battery, displaying the 'Cameron Sino Technology' branding.

6. TROUBLESHOOTING

If you encounter issues with your battery, consider the following common solutions:

Problem	Possible Cause	Solution
Battery not charging	Incorrect charger, poor contact, battery too hot/cold, faulty battery.	Ensure charger compatibility. Clean battery contacts. Allow battery to reach room temperature. If problem persists, contact support.
Short operating time	Battery not fully charged, aging battery, high power consumption by device.	Ensure full charge cycle. Consider battery replacement if significantly aged. Check device settings for power saving.
Device not powering on	Battery not installed correctly, battery fully discharged, faulty battery.	Re-install battery, ensuring proper alignment. Charge battery. If issues persist, test with another compatible battery if possible.

7. TECHNICAL SPECIFICATIONS

Detailed specifications for the Peakbatt CS-VBF2E battery:

Parameter	Value
Battery Type	Ni-MH (Nickel-Metal Hydride)
Model Number	CS-VBF2E

Parameter	Value
Voltage	12.0V
Capacity	1800mAh
Energy Rate	21.60Wh
Dimensions (L x W x H)	143.00 x 62.00 x 21.00 mm (5.63 x 2.44 x 0.83 inches)
Weight	540g (1.19 pounds)
Manufacturer	Peakbatt



Figure 5: Angled view of the battery, clearly showing the model number and electrical ratings on the label.

8. WARRANTY AND CUSTOMER SUPPORT

Peakbatt is committed to providing high-quality products and customer satisfaction.

- **Warranty:** This product comes with a 12-month warranty from the date of purchase.
- **Money Back Guarantee:** A 30-day money-back guarantee is offered for your peace of mind.
- **Safety Certifications:** The battery is certificated with ISO9001, RoHS, CE, UN38.3, and MSDS, ensuring safety and quality standards.
- **Customer Service:** For any inquiries or support, please contact our customer service team, available 7 days a week, 24 hours a day.

