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› Replace UPS Battery 12V 7AH Replacement Battery F1 Terminals User Manual

## Beiter DC Power PK1270-HHH

# Beiter DC Power 12V 7AH F1 Terminals Replacement Battery User Manual

Model: PK1270-HHH

## INTRODUCTION

This manual provides essential information for the safe and effective use of your Beiter DC Power 12V 7AH F1 Terminals Replacement Battery. Please read this manual thoroughly before installation and operation to ensure proper handling and performance.



Figure 1: Beiter DC Power 12V 7AH F1 Terminals Replacement Battery. This image displays the sealed lead-acid battery with its F1 terminals and product labeling, including voltage and current specifications.

## SAFETY INFORMATION

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Always observe the following safety precautions:

- Do not short circuit the battery terminals.
- Do not charge in a sealed container.
- Avoid total discharging (damage occurs to battery below 10.5V).
- Keep away from fire or excessive heat.
- Handle with care to prevent physical damage.
- Refer to local regulations for proper disposal of lead-acid batteries.

**Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## SETUP AND INSTALLATION

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This battery is designed for easy replacement in compatible UPS systems and other devices requiring a 12V 7AH sealed lead-acid battery with F1 terminals. Ensure the device is powered off and disconnected from the main power source before proceeding.

1. **Preparation:** Ensure you have the correct tools, such as a screwdriver if needed to open the battery compartment of your device.
2. **Remove Old Battery:** Carefully disconnect the existing battery from its terminals. Note the polarity (positive and negative) before removal.
3. **Install New Battery:** Connect the positive (+) terminal of the new Beiter DC Power battery to the positive lead of your device, and the negative (-) terminal to the negative lead. Ensure connections are secure. The F1 terminals are designed for standard compatibility.
4. **Secure Battery:** Place the battery securely within the device's battery compartment.
5. **Initial Charge:** For optimal performance, it is recommended to fully charge the battery before its first use. Refer to your device's manual for specific charging instructions.

## OPERATING INSTRUCTIONS

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The Beiter DC Power 12V 7AH battery is a maintenance-free, valve-regulated sealed lead-acid battery. Once installed and charged, it operates automatically within your compatible device.

- **Normal Operation:** The battery will provide power to your device as required, and will be recharged by the device's internal charging system.
- **Charging Voltage:**
  - Standby Use: 13.6-13.8V (1.2A Initial Current)
  - Cyclic Use: 14.5-14.9V (2.4A Initial Current)
- **Spill-Proof Design:** The valve-regulated, spill-proof design allows for safe operation in any orientation.

## MAINTENANCE

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This battery is designed to be maintenance-free. However, adhering to the following guidelines will help maximize its lifespan:

- **Regular Inspection:** Periodically check the battery and its terminals for any signs of corrosion, damage, or loose connections. Clean terminals if necessary.
- **Temperature:** Operate and store the battery within recommended temperature ranges to prevent degradation. Extreme temperatures can shorten battery life.
- **Avoid Deep Discharge:** While the battery is designed to be robust, repeated deep discharges (below 10.5V) can significantly reduce its lifespan. Ensure your device's charging system is functioning correctly.
- **Replacement Schedule:** It is recommended to replace the battery every 3-5 years for optimal performance and reliability, especially in critical applications like UPS systems.

## TROUBLESHOOTING

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If you experience issues with your battery, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Battery not holding charge	Battery is old or has been deeply discharged; faulty charging system in device.	Replace battery if it's past its recommended lifespan. Check device's charging system.
Device not powering on with new battery	Incorrect installation; battery not charged; faulty device.	Verify correct polarity and secure connections. Ensure battery is fully charged. Test battery in another compatible device if possible.
Battery terminals corroded	Exposure to moisture or improper storage.	Clean terminals with a wire brush and baking soda solution. Ensure connections are dry and secure.

If problems persist after attempting these steps, contact a qualified technician or the product manufacturer for further assistance.

## SPECIFICATIONS

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- **Model:** PK1270-HHH
- **Voltage:** 12V
- **Capacity:** 7AH (20 Hour Rate)
- **Terminal Type:** F1 Terminals
- **Battery Type:** Sealed Lead-Acid (SLA)
- **Construction:** Non-Conductive ABS Plastic Case, Valve Regulated, Spill-Proof
- **Dimensions (L x W x H):** 5.95 x 2.56 x 3.7 inches (15.11 x 6.50 x 9.40 cm)
- **Weight:** Approximately 6 pounds (2.72 kg)
- **UPC:** 818382017635, 610373673406
- **Compatible Replacements (Partial List):** RBC2, RBC17, RBC51, RBC59, 12-621, BP7-12, BP7-12-T2, BP7.5-12, BP8-12, CFM12V6.5, CP685AVR, DG12-7, ES7-12, EVX1270, EVX1270F2, GP1270, GP1270F2, GP1272, GPL1272F2, GT026P4, HE12V7.7, HR9-12, HR1224WF2, J1260, J1265, LC-R127R2P, LCR12V6.5BP, LCR12V7.2P, LCV 12V-7.2BP, NP7-12, NP7-12-1, NP7-12FR, NPW36-12, PC1270, PE12V6.5, PE12V7, PE12V7.2, PS-1270, PS1270F2, PX12072F2-HG, PXL12072, Ryobi 182391, SLA1075, TPE12V7.2F2, UB1270,

## WARRANTY AND SUPPORT

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Specific warranty details for this product are typically provided at the point of purchase or on the manufacturer's official website. This product is manufactured by RUPS under the Beiter DC Power brand.

For support inquiries, please refer to the contact information provided by your retailer or visit the official Beiter DC Power store page on Amazon: [Beiter DC Power Store](#).