

Vici VB7-12

Vici Battery VB7-12 SLA 12V 7AH Sealed Lead Acid Battery User Manual

INTRODUCTION

This manual provides essential information for the safe and effective use of your Vici Battery VB7-12 SLA 12V 7AH Sealed Lead Acid Battery. Please read these instructions carefully before installation and operation to ensure optimal performance and longevity of your battery.

SAFETY INFORMATION

WARNING:

- Do not short circuit battery terminals.
- Do not charge in a sealed container.
- Do not incinerate.
- Keep out of the hands of children.

PRODUCT OVERVIEW

The Vici Battery VB7-12 is a 12V 7AH Sealed Lead Acid (SLA) rechargeable battery, designed for reliable power delivery. It features Absorbent Glass Mat (AGM) technology for maintenance-free operation and a spill-proof design.

Key Features:

- Genuine Vici Battery VB7-12 SLA, 12V 7AH.
- Sealed Lead Acid (SLA) rechargeable, maintenance-free design.
- Absorbent Glass Mat (AGM) technology for trouble-free, safe operation in any orientation.
- Valve-regulated, spill-proof construction.
- F1 Terminal type.

- Arrives charged and ready to install.

What's in the Box:

- Vici Battery VB7-12 (Quantity as per purchase, e.g., 2-Pack).



Image: Two Vici VB7-12 SLA batteries, showcasing the product's appearance and branding.

SETUP AND INSTALLATION

The Vici Battery VB7-12 is shipped charged and ready for immediate installation. Follow these guidelines for proper setup:

1. **Verify Compatibility:** Ensure the battery's specifications (12V, 7AH, F1 Terminal, dimensions) match the requirements of your device or application.
2. **Physical Dimensions:** Confirm the battery fits into the intended compartment. The battery dimensions are approximately 5.95 inches (15.1 cm) length, 2.56 inches (6.5 cm) width, and 3.70 inches (9.4 cm) height (3.94 inches / 10.0 cm including terminals).
3. **Terminal Connection:** Connect the F1 terminals to your device. Ensure correct polarity (positive to positive, negative to negative) to prevent damage. The terminals are color-coded for easy identification (red for positive, black for negative).
4. **Secure Placement:** Place the battery securely in its compartment. The AGM design allows for operation in any orientation, but a stable position is recommended.

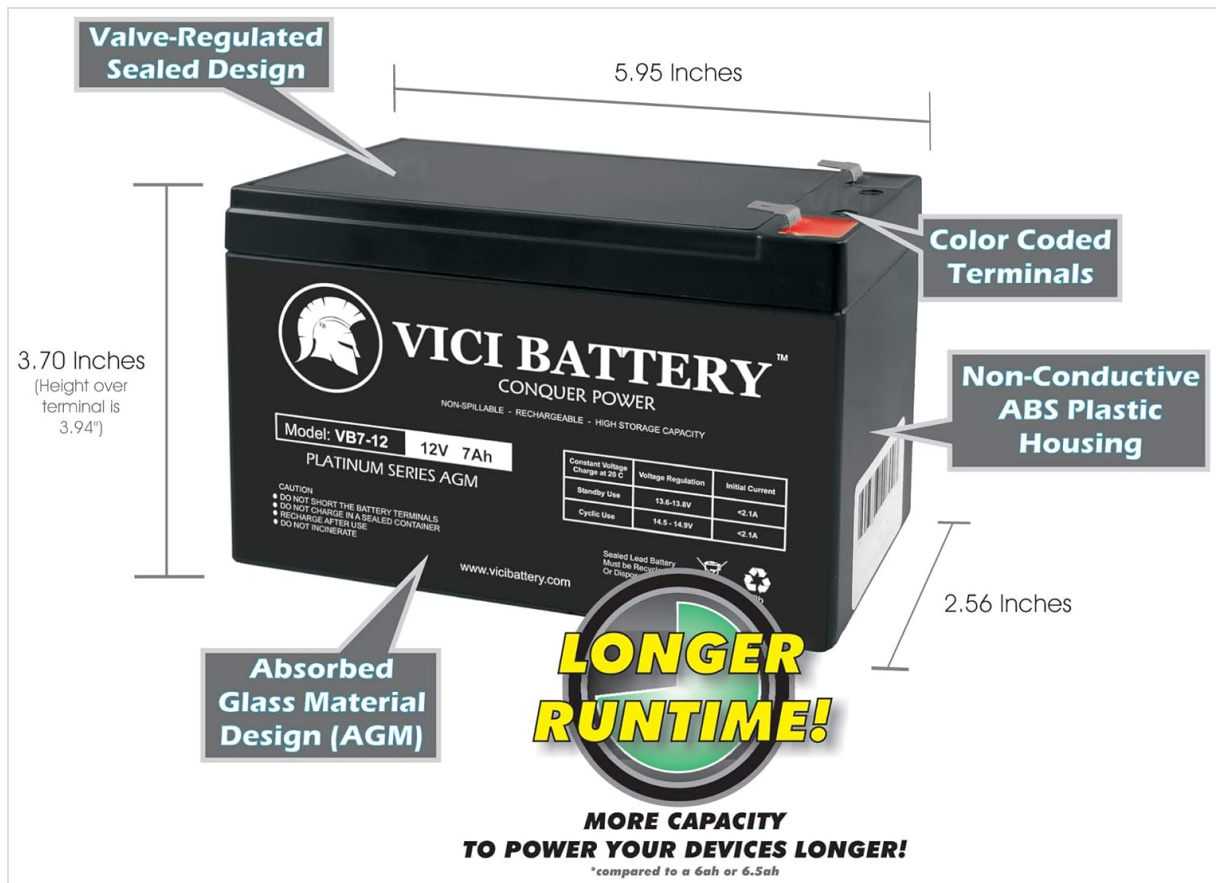
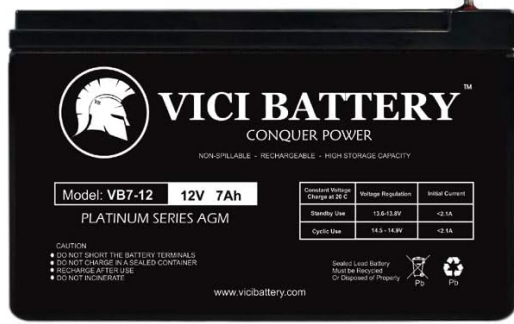


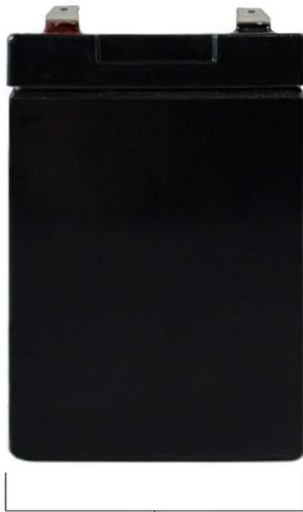
Image: Detailed diagram of the Vici VB7-12 battery, highlighting its dimensions and key structural features.



3.94in
(10.00cm)
Including Terminal



5.94in
(15.09cm)



3.70in
(9.40cm)
Battery, Not Including Terminal

2.56in
(6.50cm)

Image: Precise measurements of the Vici VB7-12 battery for installation planning.

OPERATING INSTRUCTIONS

The Vici Battery VB7-12 is a sealed, maintenance-free battery designed for consistent performance. Once installed, it operates by providing 12 volts of power at a 7 Amp-hour capacity.

Charging Guidelines:

For optimal battery life, adhere to the following constant voltage charging parameters at 20°C (68°F):

Usage Type	Voltage Regulation	Initial Current
Standby Use	13.6 - 13.8V	<2.1A
Cyclic Use	14.5 - 14.9V	<2.1A

Ensure your charging equipment is compatible with these specifications. Avoid overcharging or undercharging, as this can reduce battery lifespan.

MAINTENANCE

The Vici Battery VB7-12 is a "maintenance-free" sealed lead-acid battery. This means it does not require electrolyte level checks or water additions. However, proper care can extend its service life:

- **Keep Clean:** Periodically inspect the battery and terminals for dirt, corrosion, or loose connections. Clean terminals with a wire brush if necessary and ensure connections are tight.
- **Storage:** If storing the battery for an extended period, ensure it is fully charged and store it in a cool, dry place. Recharge periodically (every 3-6 months) to prevent deep discharge.
- **Temperature:** Operate and store the battery within recommended temperature ranges to prevent performance degradation.
- **Disposal:** Sealed Lead Acid batteries must be recycled or disposed of properly. Do not dispose of with household waste. Consult local regulations for recycling options.

TROUBLESHOOTING

If you encounter issues with your Vici Battery VB7-12, consider the following common troubleshooting steps:

- **No Power Output:** Check all connections to ensure they are secure and free of corrosion. Verify the device requiring power is functioning correctly.
- **Battery Not Charging:** Ensure the charger is correctly connected and functioning. Verify the charger's output voltage and current match the battery's charging specifications (refer to Operating Instructions). Check for any blown fuses in the charging circuit.
- **Reduced Runtime:** This may indicate the battery is nearing the end of its service life or is not receiving a full charge. Ensure proper charging cycles are maintained.
- **Swelling or Leakage:** Immediately discontinue use if the battery casing appears swollen or if any leakage is observed. This indicates a serious fault and the battery should be safely disposed of and replaced.

For persistent issues, contact Vici Battery customer support.

SPECIFICATIONS

Brand	Vici
Model	VB7-12 (Replaces LP12 7.2)
Type	Sealed Lead Acid (SLA)
Technology	Absorbent Glass Mat (AGM)
Voltage	12 Volts
Capacity	7 Amp Hours (7AH)
Terminal Type	F1 Terminal
Product Dimensions (L x W x H)	5.95 x 2.56 x 3.7 inches (15.1 x 6.5 x 9.4 cm)
Weight	Approximately 5 pounds (2.27 kg) per battery

Technical Specifications

12V 7AH SLA Battery

4.5 lbs
2.1 kg

12 Volt
1200 Watt

7 Ah
20 Hour

T1/F1 Type
Terminal



VICI BATTERY
CONQUER POWER

Image: Overview of the Vici VB7-12 battery's technical specifications.

WARRANTY AND SUPPORT

Warranty:

The Vici Battery VB7-12 is backed by a **30-day refund policy** and a full **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the battery meets its stated specifications under normal use.

Customer Support:

For technical assistance, warranty claims, or any questions regarding your Vici Battery, please contact Vici Battery customer support through their official channels. Refer to your purchase documentation for specific contact information.

LEGAL DISCLAIMER

The battery is typically compatible with the brand or device listed, but it is the responsibility of the user to examine and verify that the specifications meet the application. VICI Battery products are not affiliated with or authorized by the brand or device listed on this page. VICI Battery products are listed as a suitable replacement for the brand listed.

