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- › [Synergy Digital](#) /
- › [Synergy Digital Vacuum Cleaner Battery User Manual for ROVUS BL500N and Proscenic VR1717](#)

## Synergy Digital VR1717

# Synergy Digital Vacuum Cleaner Battery User Manual

Compatible with ROVUS BL500N and Proscenic VR1717 Vacuum Cleaners

## 1. PRODUCT OVERVIEW

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This manual provides essential information for the safe and efficient use of your Synergy Digital Li-ion 14.8V 3400mAh replacement battery. This battery is designed to power compatible vacuum cleaner models, including the ROVUS BL500N and as a replacement for the Proscenic VR1717 battery.



Image 1.1: Front view of the Synergy Digital vacuum cleaner battery, showing its compact design and connector.

## 2. SETUP AND INSTALLATION

Before first use, ensure the battery is fully charged. Refer to your vacuum cleaner's original manual for specific battery compartment access and removal instructions.

1. **Preparation:** Turn off and unplug your vacuum cleaner from the power source.
2. **Access Battery Compartment:** Locate the battery compartment on your vacuum cleaner. This typically involves opening a cover or removing screws.
3. **Remove Old Battery:** Carefully disconnect the old battery's connector and remove it from the compartment.
4. **Insert New Battery:** Align the Synergy Digital battery with the compartment. Ensure the connector is correctly oriented before pushing it firmly into place. Do not force the connection.
5. **Secure Compartment:** Close and secure the battery compartment.
6. **Initial Charge:** Place the vacuum cleaner on its charging dock or connect it to its charger. Allow the battery to charge completely before its first use.



Image 2.1: Angled view of the battery, highlighting the wiring and connector for proper installation.

### 3. OPERATING GUIDELINES

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This battery is designed for optimal performance in compatible vacuum cleaners. Follow these guidelines for best results:

- **Charging:** Always use the original or manufacturer-approved charger for your vacuum cleaner. Avoid overcharging by removing the vacuum from the charger once fully charged, if your vacuum cleaner does not have an automatic cut-off.
- **Discharging:** For optimal battery life, avoid completely draining the battery before recharging. Partial discharge and recharge cycles are generally beneficial for Li-ion batteries.
- **Temperature:** Operate and charge the battery within recommended temperature ranges (typically 0°C to 45°C or 32°F to 113°F). Extreme temperatures can affect performance and lifespan.
- **Storage:** If storing the battery for an extended period, charge it to approximately 50-60% and store it in a cool, dry place. Recharge every 3-6 months to prevent deep discharge.

### 4. MAINTENANCE AND CARE

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Proper maintenance ensures the longevity and safety of your battery.

- **Cleaning:** Keep the battery and its contacts clean and free from dust or debris. Use a dry, soft cloth for cleaning. Do not use liquids or abrasive cleaners.
- **Inspection:** Periodically inspect the battery for any signs of damage, swelling, or leakage. If any issues are observed, discontinue use immediately.
- **Handling:** Handle the battery with care. Avoid dropping it or subjecting it to strong impacts.
- **Disposal:** Dispose of old or damaged batteries responsibly according to local regulations for Li-ion batteries. Do not dispose of them in household waste.



Image 4.1: Top view of the battery, showing the warning label and the connector assembly.

## 5. TROUBLESHOOTING

If you encounter issues with your battery, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Battery not charging	Incorrect connection, faulty charger, or battery issue.	Ensure the battery connector is fully seated. Verify the charger is working. If issues persist, contact support.

Problem	Possible Cause	Solution
Short operating time	Battery not fully charged, aging battery, or high power consumption.	Ensure a full charge cycle. Check vacuum cleaner for blockages. If battery is old, consider replacement.
Vacuum cleaner not turning on	Battery not installed correctly, battery completely drained, or vacuum cleaner fault.	Re-install the battery, ensuring a secure connection. Charge the battery. Consult your vacuum cleaner's manual for other potential issues.





Image 5.1: Detailed close-up of the battery's electrical connector, crucial for proper installation and troubleshooting.

## 6. SPECIFICATIONS

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**Battery Chemistry:** Li-ion

**Voltage:** 14.8V

**Capacity:** 3400mAh

**Dimensions:** Approximately 2.73 x 1.48 x 1.47 inches

**Item Weight:** Approximately 7 ounces

**Compatible with:** ROVUS BL500N Vacuum Cleaner, Proscenic VR1717 Battery Replacement

## 7. WARRANTY AND SUPPORT

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Synergy Digital batteries are manufactured with high-quality cells and designed to meet or exceed original battery performance. This product comes with a standard manufacturer's warranty against defects in materials and workmanship.

For warranty claims, technical assistance, or further inquiries, please refer to the contact information provided with your purchase or visit the Synergy Digital official website.