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Futurebatt 4741

Futurebatt Laptop Battery User Manual

Model: 4741 for Acer Aspire and Gateway NV Series



1. INTRODUCTION

This manual provides essential information for the safe and effective use of your new Futurebatt Laptop Battery. Please read these instructions carefully before installation and operation to ensure optimal performance and longevity of the battery.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, or other injury or damage.

- Never attempt to disassemble or reassemble the battery pack.
- Do not dispose of the battery in fire or expose it to extreme heat.
- Avoid directly connecting (short-circuiting) the positive (+) and negative (-) terminals.
- Use only designated or compatible battery chargers to charge this battery pack.
- Keep the battery away from water and high humidity environments.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and dispose of it properly.

3. PRODUCT OVERVIEW

3.1. Battery Specifications

- **Battery Type:** Li-ion
- **Number of Cells:** 6 Cell
- **Rated Voltage:** 11.1V (10.8V Compatible)
- **Capacity:** 5200mAh
- **Energy:** 58Wh
- **Recharge Cycles:** Up to 600 times over life of battery
- **Certifications:** CE-/RoHS Certified

3.2. Compatible Laptop Models

This Futurebatt battery (Model 4741) is compatible with a wide range of Acer Aspire and Gateway NV series laptops. Please verify your laptop model and original battery part number before purchase.

Acer Aspire Series:

- V3 Series: V3-471G, V3-551G, V3-571G, V3-731, V3-771, V3-772G
- E1 Series: E1-531, E1-731
- Aspire 5750, 5750G, 5742, 5742G, 5741G, 5250, 5251, 5253, 5552, 5560, 5733, 5755, 7741Z
- And other models compatible with AS10D51, AS10D31, AS10D3E battery part numbers.

Gateway NV Series:

- NV55C, NV59C



A PERFECT
FIT FOR YOUR LAPTOP

58Wh

Image: Laptop with Futurebatt battery installed, illustrating the battery's compatibility with various laptop models.

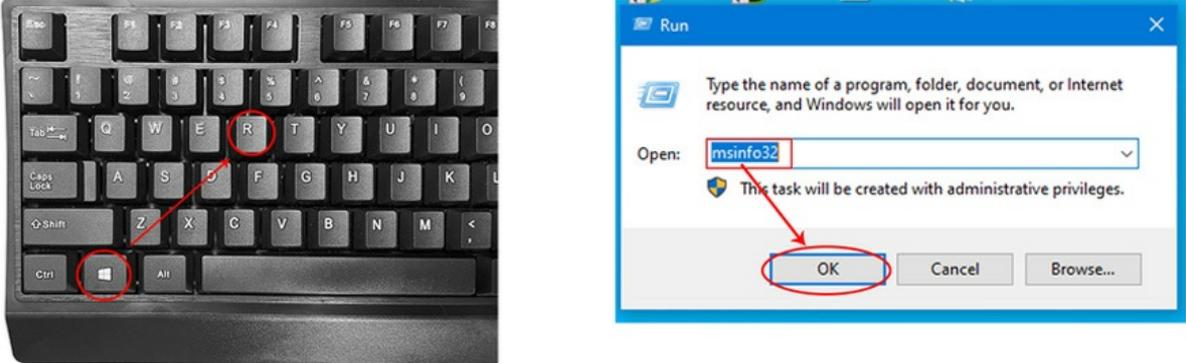
4. SETUP AND INSTALLATION

Before installing the new battery, ensure your laptop is powered off and disconnected from the AC adapter. It is recommended to discharge any residual power by holding the power button for a few seconds after removing the AC adapter.

4.1. Identifying Your Laptop Model

To ensure proper fit and compatibility, confirm your laptop's model number. This can typically be found on a sticker on the bottom of your laptop or by using system information tools.

How to check your laptop model



1. Press Windows + R
2. Enter "msinfo32" and click "OK".

Image: Visual guide on how to check your laptop model using the 'msinfo32' command in Windows.

4.2. Battery Installation Steps

1. **Power Off:** Shut down your laptop completely and disconnect the AC adapter.
2. **Remove Old Battery:** Locate the battery release latches or screws on the bottom of your laptop. Slide the latches or unscrew the retaining screws to remove the old battery.
3. **Insert New Battery:** Carefully align the new Futurebatt battery with the battery compartment. Slide it into place until it clicks securely or fasten the retaining screws.
4. **Initial Charge:** Connect the AC adapter and fully charge the new battery before its first use.



Image: The Futurebatt laptop battery shown with its brown cardboard packaging.



Image: A top-down view of the Futurebatt laptop battery, highlighting its design and connectors.

PRODUCT DETAILS

Please check the product details before buying



POWER INTERFACE

Standard connector, stable power output, durable

BATTERY CASE

The battery shape is the same as the original size, carefully made to prevent falling



Image: Detailed view of the battery's power interface and the robust design of its case.

5. OPERATING INSTRUCTIONS

5.1. First Use and Calibration

For optimal performance and accurate battery reporting, it is recommended to calibrate the new battery after installation:

1. Fully charge the battery to 100%.
2. Disconnect the AC adapter and use the laptop on battery power until it completely discharges and the laptop shuts down.
3. Reconnect the AC adapter and fully charge the battery to 100% without interruption.

This cycle helps the battery management system accurately gauge the battery's capacity.

5.2. Charging and Usage Tips

- Always use the original or a certified compatible AC adapter for charging.
- Avoid frequently discharging the battery to 0% as this can reduce its overall lifespan.

- For prolonged storage, charge the battery to approximately 50-70% and store it in a cool, dry place.
- The battery is designed for up to 600 recharge cycles.

6. MAINTENANCE

- **Cleaning:** Keep the battery contacts clean and free from dust and debris. Use a dry, soft cloth for cleaning.
- **Temperature:** Avoid exposing the battery to extreme temperatures (both hot and cold) as this can degrade performance and lifespan. Operate your laptop in a moderate temperature environment.
- **Storage:** If the laptop will not be used for an extended period, remove the battery and store it separately in a cool, dry place with a charge of 50-70%.

7. TROUBLESHOOTING

7.1. Battery Not Charging

- **Check AC Adapter:** Ensure the AC adapter is properly connected to both the laptop and a working power outlet. Test with another known-good adapter if possible.
- **Verify Connections:** Confirm the battery is securely seated in its compartment.
- **Restart Laptop:** Perform a full shutdown and restart of your laptop.
- **Driver Update:** In some cases, updating or reinstalling battery drivers in Device Manager can resolve charging issues.

7.2. Battery Not Charging to 100%

Some users report the battery charging only to 80%. This can sometimes be a feature of the laptop's power management software designed to extend battery lifespan. Check your laptop's power settings or manufacturer's utility software for options related to battery charging thresholds. If no such setting is found, try the calibration steps mentioned in Section 5.1.

7.3. Short Battery Life

- **Power Settings:** Adjust your laptop's power plan to optimize for battery life (e.g., lower screen brightness, enable power-saving modes).
- **Background Applications:** Close unnecessary applications running in the background that consume significant power.
- **Hardware Usage:** Intensive tasks like gaming or video editing will naturally consume more power.
- **Battery Health:** Over time, all rechargeable batteries degrade. If the battery is old and has gone through many cycles, its capacity will naturally decrease.

8. SPECIFICATIONS TABLE

Feature	Specification
Brand	Futurebatt
Model Number	4741
Battery Cell Composition	Lithium Ion
Number of Batteries	1 (included)

Feature	Specification
Rated Voltage	11.1V (10.8V Compatible)
Battery Capacity	5200 Milliampere Hour (mAh)
Energy	58Wh
Item Weight	12.6 ounces
Package Dimensions	12.2 x 3.27 x 1.97 inches
Manufacturer	Dongguan LEWE Electronics co., LTD
Date First Available	December 4, 2017

9. WARRANTY AND SUPPORT

Futurebatt products are designed for reliability and performance. This battery comes with built-in circuit protection to ensure safety and stability, adhering to strict guidelines for compatibility and environmental safety.

For any questions, concerns, or technical assistance, please contact Futurebatt customer support. Our team is available to help you with product inquiries, installation guidance, or troubleshooting.

Contact Information:

- Please refer to the contact details provided with your purchase or visit the official Futurebatt website for support options.

