

Futurebatt LA04

Futurebatt LA04 Laptop Battery Instruction Manual

For HP Pavilion 14 and 15 Series Notebooks

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your new Futurebatt LA04 laptop battery. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of your battery.

1.1 Product Overview

The Futurebatt LA04 is a 4-cell, Li-ion replacement battery rated at 14.8V and 2200mAh. It is designed to provide reliable power for compatible HP notebooks. This battery is CE-/RoHS-certified and incorporates built-in circuit protection for enhanced safety and stability, adhering to environmental safety standards.

1.2 Compatibility

This battery is compatible with various HP Pavilion 14 and 15 Notebook PC series, as well as HP 248, 248 G1, 340, 340 G1, 350, and 350 G1 Series. It replaces original battery part numbers including:

- 728460-001
- 752237-001
- 776622-001
- LA03, LA03DF
- 888182064801, 888793070383
- F3B96AA, F3B96AA#ABB
- HSTNN-IB6R, HSTNN-YB5M
- J1V00AA
- LA04, LA04041-CL, LA04041DF-CL, LA04DF
- TPN-Q129, TPN-Q132

2. SETUP AND INSTALLATION

2.1 Safety Precautions

- Always power off your laptop and disconnect the AC adapter before installing or removing the battery.

- Avoid short-circuiting the battery terminals.
- Do not expose the battery to extreme temperatures, direct sunlight, or moisture.
- Handle the battery with care; do not drop, puncture, or disassemble it.

2.2 Identifying the Correct Battery Model

Before installation, verify that you have the correct battery model for your laptop. Compare your existing battery's model number with the LA04 model. The model number is typically printed on the battery label.

Image: Guide to selecting the correct battery model by comparing physical appearance and model numbers.

Our Battery	VS	Other Brands of Batteries
		
100% specified capacity		Only 75%-85% of the designated capacity
		
Continuous discharge 1.5-3h		Continuous discharge 1-2h
		
		Ordinary components
		
Up to 500 recharge cycles		Reduced capacity after 50 cycles
		
Grade "A" Cells		Ordinary battery

Image: Attention notice to check the model number on your notebook computer's applicable battery.

And to select the correct model

Please check the image and Compare with other models for HP 14 15 17 Batteries.



KI04 battery



HS04 battery



VI04 battery



OA04 battery



JC04 battery



LA04 battery

Some Confusing batteries	another HP pavilion 14 15 model Spare battery 800049-001 800009-421 800010-421 TPN-Q158 TPN-Q159	another HP pavilion 14 15 17 model Spare battery 807956-001 807957-001 807612-421 807611-421 807611-131	another HP pavilion 17 model Spare battery 756744-001 756748-851 756479-421	another HP Pavillion 14 15 model Spare battery 746641-001 740715-001 746458-421 751906-541	another HP 15-BS 17-BS 15Q-BU 15G-BR 17-AK model 919700-850 919701-850 919681-221 919682-121 919682-421 919682-831	This Battery 
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Image: Zoomed-in view of the LA04 battery label, indicating model number and specifications.

2.3 How to Check Your Laptop Model

If you are unsure of your laptop's model, follow these steps:

1. Press the **Windows key + R** simultaneously to open the Run dialog box.
2. Type "**msinfo32**" into the Run dialog box and click "**OK**".
3. In the System Information window, locate "**System Model**" to identify your laptop's model number.



Image: Step-by-step guide to open the System Information window.



Image: Screenshot showing where to find 'System Model' in the System Information window.

2.4 Battery Installation Steps

1. Ensure your laptop is powered off and unplugged from the AC adapter.
2. Close the laptop lid and turn it upside down on a soft, clean surface to prevent scratches.
3. Locate the battery compartment. For external batteries, there are usually release latches. For internal

batteries, you may need to remove the back panel of the laptop using a small screwdriver.

4. If replacing an old battery, carefully slide or lift it out of its compartment.
5. Insert the new Futurebatt LA04 battery into the compartment, ensuring it is seated correctly and securely. For external batteries, slide it in until the latches click into place. For internal batteries, connect the battery cable to the motherboard connector.
6. If you removed the back panel, reattach it and secure any screws.
7. Turn the laptop right-side up and connect the AC adapter.

3. OPERATING INSTRUCTIONS

3.1 Initial Use and Calibration

For the first use, it is recommended to fully charge the battery to 100%, then discharge it completely until the laptop shuts down. Recharge it to 100% without interruption. This process helps calibrate the battery's charge indicator for accurate readings.

3.2 Charging Guidelines

- Use only the original or a certified compatible AC adapter for charging.
- Avoid frequent partial charges and discharges. For optimal battery health, aim for full charge cycles when possible.
- The battery is designed to be rechargeable up to 600 times over its lifespan.

3.3 General Usage

The battery provides power to your laptop, allowing for portable operation. Monitor the battery level through your operating system's power management settings. Disconnect the AC adapter once the battery is fully charged if you plan to operate on battery power.

4. MAINTENANCE

4.1 Battery Care Tips

- **Avoid Extreme Temperatures:** Do not expose the battery to very high or very low temperatures. Optimal operating temperature is typically between 10°C and 35°C (50°F and 95°F).
- **Regular Use:** If you primarily use your laptop with the AC adapter, consider discharging the battery to about 50% once a month and then recharging it to maintain battery health.
- **Clean Contacts:** Periodically clean the battery contacts on both the battery and the laptop with a dry cloth to ensure good connection.



Image: Comparison of battery quality and performance characteristics.

4.2 Storage

If you plan to store the battery for an extended period (more than two weeks), it is recommended to charge it to approximately 50% before removal. Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing a fully charged or completely discharged battery for long periods.

5. TROUBLESHOOTING

5.1 Battery Not Detected

- **Re-seat Battery:** Power off the laptop, remove the battery, and then re-insert it firmly.
- **Check Connections:** Ensure all internal connections (if applicable) are secure.
- **Update Drivers:** Check your laptop manufacturer's website for updated battery or power management drivers.
- **BIOS Update:** In some cases, a BIOS update may resolve detection issues. Consult your laptop's manual or manufacturer's support.

5.2 Battery Not Charging

- **Check AC Adapter:** Ensure the AC adapter is properly connected and functioning. Try another compatible

adapter if available.

- **Power Cycle:** Disconnect the AC adapter, remove the battery, press and hold the power button for 15-20 seconds, then re-insert the battery and reconnect the AC adapter.
- **Battery Driver:** In Device Manager (Windows), uninstall the 'Microsoft ACPI-Compliant Control Method Battery' driver, then restart your laptop. The driver will reinstall automatically.

5.3 Short Battery Life

- **Power Settings:** Adjust your laptop's power plan settings 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.
- **Battery Health:** Over time, all batteries degrade. If the battery life is significantly shorter than expected after following calibration and maintenance steps, the battery may be nearing the end of its lifespan.

6. SPECIFICATIONS



Image: Futurebatt LA04 Laptop Battery.

Feature	Detail
Model Number	LA04
Battery Type	Li-ion
Number of Cells	4 Cell
Voltage	14.8 Volts
Capacity	2200 mAh
Reusability	Rechargeable (up to 600 cycles)
Certifications	CE-/RoHS-Certified
Weight	0.22 Kilograms (225 Grams)
Manufacturer	Dongguan LEWE Electronics co., LTD

7. WARRANTY INFORMATION

Futurebatt products are designed for reliability and performance. The Futurebatt brand is committed to providing customer satisfaction. For specific warranty terms and conditions, please refer to the product packaging or the official Futurebatt website.

8. CUSTOMER SUPPORT

Should you encounter any issues or have questions regarding your Futurebatt LA04 laptop battery, please contact Futurebatt customer service. Our team is available to provide assistance and support.

For contact information, please visit the official Futurebatt website or refer to the contact details provided with your purchase.