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› HXPKH Laptop Battery User Manual for GK5CN-00-13-4S1P-0

HXPKH GK5CN-00-13-4S1P-0

HXPKH Laptop Battery User Manual

Model: GK5CN-00-13-4S1P-0

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your new HXPKH GK5CN-00-13-4S1P-0 laptop battery. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of the battery.



Image: The HXPKH laptop battery, packaging, and a small screwdriver for installation.

2. SAFETY INFORMATION AND PRECAUTIONS

Lithium-ion batteries require careful handling. Adhere to the following safety guidelines:

- **Do not disassemble:** Attempting to disassemble the battery can lead to electric shock, fire, or explosion.
- **Never throw into fire or water:** Exposure to extreme heat or water can cause the battery to explode or leak.
- **Discard used batteries according to manufacturer's instructions:** Follow local regulations for proper disposal of Li-ion batteries.
- **Avoid short circuits:** Do not allow metal objects to come into contact with the battery terminals.
- **Keep away from children:** Store the battery in a safe place out of reach of children.
- **Avoid extreme temperatures:** Do not expose the battery to temperatures above 60°C (140°F) or below 0°C (32°F).
- **If swelling occurs:** Discontinue use immediately and dispose of the battery safely.

PRODUCT DETAILS

Let you have a more comprehensive understanding of this battery

Battery connector



Battery fixing device



Battery parameters

Rechargeable Li-Polymer Battery
Model: GK5CN-00-13-4S1P-0
Typical Rating: 15.2V $\equiv$
4100mAh/62.32Wh
二次鋰電池組/锂离子电池组
型號/型号: GK5CN-00-13-4S1P-0
標稱電壓/标称电压: 15.2V $\equiv$
額定容量/额定容量: 4000mAh
充電限制電壓: 17.4V $\equiv$



• Do not disassemble
• Never throw
• Discard used
instructions (



• 不可拆解。· 請
• 請根據製造商的
• 使用之前請閱讀
• 電池浸水後禁



注意:

電池長時間

Image: Close-up view of the battery label showing safety warnings and technical parameters.

3. PRODUCT OVERVIEW AND SPECIFICATIONS

The HXPKH GK5CN-00-13-4S1P-0 is a high-quality Li-ion replacement battery designed for various laptop models. It features robust internal components for reliable performance.

3.1 Key Features

- **Battery Type:** Li-ion
- **Voltage:** 15.2V
- **Capacity:** 62.32Wh (4100mAh)
- **Internal Components:** Master chip, dual protection chip, resistance, temperature sensing, oxygen-free copper sheet.
- **Performance:** True capacity, fast charging, stable output, more than 500 discharge cycles.

3.2 Physical Characteristics

FRONT



BACK



Image: Front and back views of the HXPXH laptop battery, highlighting its design and connector.

- **Battery Connector:** Standard multi-pin connector for secure laptop integration.
- **Battery Fixing Device:** Integrated mounting points for secure fit within the laptop chassis.



HIGH-QUALITY INTERNAL MAKES HIGH-QUALITY BATTERIES



- True capacity
- Fast charging
- Stable output
- More than 500 discharge cycles

Image: Illustration of the high-quality internal battery cells, emphasizing true capacity, fast charging, stable output, and long cycle life.

3.3 Compatibility

This battery is compatible with the following laptop models and part numbers. Please verify your laptop's model and original battery part number before purchase and installation.

Replacement Part Numbers: GK5CN, GK5CN-00-13-4S1P-0, GK5CN-00-13-3S1P-0, GK5CN3-3101, 4ICP6/63/69, 3ICP6/63/69.

Compatible Laptop Models:

- **For Tongfang:** GK6Z5CN, OP-LP2, Model Z, GK5CQ7Z, GM7MPHS, GK5CN4Z, GK5CQ7Z, GK5CN6Z, GK7MRFR, GK5CN5Z, GK7CN6S Series.
- **For Schenker:** XMG Neo 15, XMG Neo 15 XNE15M19, XMG Neo 15 Turing, XMG Neo 17, XMG Neo 17 Comet Lake, XMG Core 15, XMG Core 15 GK5CP6V, XMG Core 15 GK5NR0O, XMG Core 15 Ampere, XMG Core 15-M20hdw, XMG Core 17 Comet Lake Series.
- **For Maingear:** Vector 15 MG-VCTR002 Series.
- **For Medion:** Erazer X6805 Series.
- **For Eluktronics:** Matrix RP-17 Series.
- **For MECHREVO:** Z2, Z2 Air, Z2Air, TAITAN Plus, X8 PRO, X8Ti, X8Ti Pro, X8Ti Plus, X9Ti, X9Ti Pro, X9Ti-R,

- **For MACHENIKE:** T90 Plus, T90-T3P, F117-B, F117-B1, F117-B2, F117-B2CK, F117-B3, F117-B6D, F117-B6CP Series.
- **For Hasee:** Z7M, Z7M-KP7Z, Z7M-KP7GZ, Z7M-KP5GZ, Z7-KP7GZ, Z7-CT5VH, G7, GK5CN4X, GK5CN6Z Series.

This series of notebook computers uses two different batteries (long 62.32Wh and short 46.17Wh)
The battery currently sold is 62.32Wh,
please confirm the size and shape of your original battery before purchasing.

Long - 62.32Wh

Rechargeable Li-Polymer Battery
 Model: GK5CN-00-13-AS1P-0
 Typical Rating: 15.2V ~
 4100mAh/62.32Wh
 二芯锂离子电池/锂离子聚合物电池
 型号/型号: GK5CN-00-13-AS1P-0
 额定电压/额定电压: 15.2V ~
 额定容量/额定容量: 4100mAh
 充电限制电压: 17.2V ~
 制造商: 亿纬锂能 (Easysion) 有限公司
 Manufacturer: Easysion (Cheng Qiang) Co., Ltd.

⚠️ Do not disassemble,
 immerse in the fire or the water.
 Use and dispose of batteries according to manufacturer's
 instructions or local laws. • Read manual before use.
 不可拆解。• 请不要把电池放到火里或水里。
 请按照制造商的说明和当地法律处置废旧电池。
 • 使用之前请阅读使用手册。
 • 电池浸水后禁止使用。

⚠️ 注意:
 电池长时间处于充电状态会有爆炸危险。
 制造商 亿纬锂能
 详细注意事项请参阅说明书。 41CP6/6369

00
 192812002 BATRPF4VN3-3104

The image shows the back of a black HP laptop battery. A multi-colored ribbon cable is attached to the top left. The battery has a large red 'X' drawn over its warning labels. The labels include the following text:

HP PRTG
Model: 8K5CN-00-13-3S1P-0
 Typical Rating: 11.4Vdc
 4050mAh/46.17Wh
 锂离子电池包
 型号: 8K5CN-00-13-3S1P-0
 额定电压: 11.4Vdc
 额定容量: 4000mAh
 充电限制电压: 13.05Vdc

Warnings and instructions:

- Do not disassemble.
- Never throw in the fire, or into water.
- Discard used batteries according to manufacturer's instructions or local laws. *Never incinerate batteries.
- 不可拆解， 请不要把电池扔进火中或水中。
- 请按照制造商的说明和当地法规处理废旧电池。
- 使用之前请阅读用户手册。 31CP6/6366

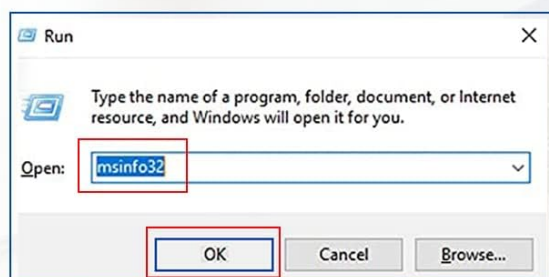
Other markings include "Made in China / 中国制造", "Li-ion", and a recycling symbol.

At the bottom, there is a barcode and the text: S4
 7810VE0-1812C19WDBATRGK5CN3-3101

Image: A comparison showing the "Long - 62.32Wh" battery (this product) and a "Short - 46.17Wh" battery, emphasizing the need to confirm the size and shape of your original battery before purchase.

HOW TO FIND THE LAPTOP MODEL?

1 Press **Windows + R**



2 Type **msinfo32**, and Click OK

3 Find **System Model** in the pop-up window

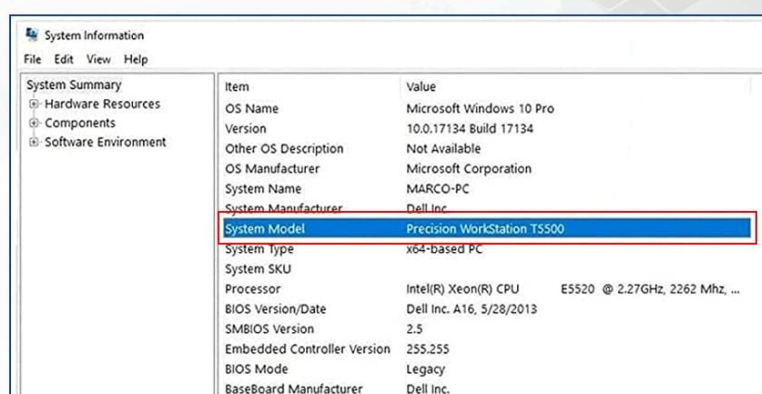


Image: Step-by-step guide on how to find your laptop's model number using the Windows 'msinfo32' command.

4. INSTALLATION

Installing a laptop battery typically involves opening the laptop chassis. If you are not comfortable performing this procedure, it is recommended to seek professional assistance.

1. **Power Off and Disconnect:** Completely shut down your laptop and disconnect it from the power adapter.
2. **Remove External Peripherals:** Disconnect all external devices (USB drives, external monitors, etc.).
3. **Discharge Static Electricity:** Touch a grounded metal object to discharge any static electricity from your body.
4. **Open Laptop Chassis:** Carefully open the laptop's back cover. Refer to your laptop's specific service manual for instructions on how to open it.
5. **Locate and Disconnect Old Battery:** Identify the old battery. Carefully disconnect its cable from the motherboard.
6. **Remove Old Battery:** Unscrew any retaining screws holding the old battery in place and gently remove it.
7. **Install New Battery:** Place the new HXPKE battery into the battery compartment, ensuring it aligns with the mounting points. Secure it with the screws removed earlier.

- 8. **Connect New Battery:** Carefully connect the new battery's cable to the motherboard connector. Ensure it is firmly seated.
- 9. **Close Laptop Chassis:** Reattach the laptop's back cover and secure all screws.
- 10. **Initial Charge:** Connect the laptop to the power adapter and allow the battery to fully charge before first use.

5. USAGE AND OPERATION

For optimal performance and battery health, follow these usage guidelines:

- **First Use:** For the first few cycles, fully charge the battery to 100% and then discharge it to about 5-10% before recharging. This helps calibrate the battery meter.
- **Regular Use:** Avoid consistently discharging the battery to 0%. It is generally recommended to keep the charge level between 20% and 80% for daily use to prolong battery life.
- **Charging:** Use only the original or a certified compatible laptop charger.
- **Temperature:** Operate your laptop in a moderate temperature environment. Extreme heat or cold can degrade battery performance and lifespan.

6. MAINTENANCE

Proper maintenance can significantly extend the lifespan of your laptop battery:

- **Storage:** If storing the battery for an extended period, charge it to about 50-60% and store it in a cool, dry place. Recharge it every 3-6 months to prevent deep discharge.
- **Cleaning:** Keep the battery contacts clean and free of dust. Use a dry, soft cloth to wipe them if necessary.
- **Avoid Physical Damage:** Protect the battery from drops, impacts, and punctures.
- **Software Updates:** Keep your laptop's operating system and drivers updated, as power management features can impact battery health.

7. TROUBLESHOOTING

If you encounter issues with your HXPKH laptop battery, consider the following common solutions:

Problem	Possible Cause	Solution
Battery not charging	Loose connection, faulty charger, software issue, battery fault.	Ensure charger is properly connected. Try a different compatible charger. Update laptop's power management drivers. Perform a battery calibration (if supported by laptop). Check for physical damage to battery or port.
Battery drains quickly	High power consumption, background processes, aged battery.	Adjust power settings to "Balanced" or "Power Saver". Close unnecessary background applications. Reduce screen brightness. Disable Wi-Fi/Bluetooth when not in use. Check for malware.
Laptop does not recognize battery	Improper installation, driver issue, battery fault.	Re-install the battery, ensuring all connections are secure. Uninstall and reinstall Microsoft ACPI-Compliant Control Method Battery driver in Device Manager. Restart laptop.

If problems persist after attempting these solutions, please contact customer support.

8. TECHNICAL SPECIFICATIONS

Attribute	Detail
Model Number	GK5CN-00-13-4S1P-0 (Internal: MV07R)
Battery Type	Li-ion (Lithium Ion)
Voltage	15.2V
Capacity	62.32Wh (5200 mAh)
Battery Cell Composition	Lithium Ion
Number of Batteries	1 (included)
Package Dimensions	11.89 x 4.53 x 1.14 inches
Item Weight	10.2 ounces
Manufacturer	Foshan Eurasia Energy Technology Co., Ltd.
Date First Available	January 25, 2021

9. WARRANTY AND SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your HXPKH laptop battery, please contact our customer support. Refer to your purchase documentation for specific warranty terms and contact details. We are committed to providing high-quality products and comprehensive service.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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