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› DGFTB GK5CN-00-13-4S1P-0 Laptop Battery User Manual for Medion Erazer X6805, Maingear Vector 15, Getac Tongfang, Schenker XMG Neo/Core Series

## DGFTB GK5CN-00-13-4S1P-0

# DGFTB GK5CN-00-13-4S1P-0 Laptop Battery User Manual

For Medion Erazer X6805, Maingear Vector 15, Getac Tongfang, Schenker XMG Neo/Core Series Laptops

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective use of your DGFTB GK5CN-00-13-4S1P-0 laptop battery. Please read it thoroughly before installation and operation.

### Product Overview

- **Battery Type:** Li-ion
- **Voltage:** 15.2V
- **Capacity:** 62.32Wh / 4100mAh

### Compatible Part Numbers

GK5CN, GK5CN-00-13-4S1P-0, GK5CN-00-13-3S1P-0, GK5CN3-3101, 4ICP6/63/69, 3ICP6/63/69

### Compatible Laptop Models

- **Getac Tongfang:** GK6Z5CN, OP-LP2, Model Z GK5CQ7Z, GM7MPHS, GK5CN4Z, GK5CQ7Z, GK5CN6Z, GK7MRFR, GK5CN5Z, GK7CN6S
- **Schenker:** XMG Neo 15 XNE15M19, XMG Core 15 GK5CP6V, XMG Neo 17 Comet Lake, XMG Core 15 Ampere, XMG Neo 15 Turing, XMG Core 15 GK5NR00, XMG Core 15-M20hdw, XMG Core 17 Comet Lake, XMG Neo 15
- **Maingear:** Vector 15
- **Medion:** Erazer X680



The DGFTB GK5CN-00-13-4S1P-0 laptop battery, shown with a small screwdriver, indicating tools may be required for installation.

## 2. SAFETY INFORMATION

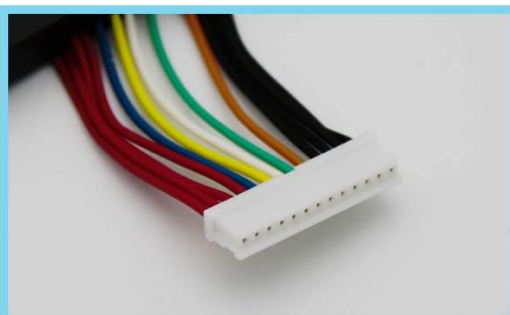
Observe the following safety precautions to prevent injury or damage to your battery and device:

- Do not disassemble, open, or shred the battery pack.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit the battery.
- Do not crush, puncture, or apply excessive force to the battery.
- Do not immerse the battery in water or other liquids.
- Keep the battery away from children.
- Dispose of used batteries according to local regulations.



### Product manual

Introduce the battery model, capacity and matters needing attention in detail



### Connector

Gold-plated technology, durable and stable output



### Fixed position

Precise hole position, composite material, high temperature resistance, corrosion resistance

This image displays the battery's label, detailing its model number (GK5CN-00-13-4S1P-0), voltage (15.2V), capacity (4100mAh/62.32Wh), and important safety warnings regarding handling and disposal.

## 3. SETUP AND INSTALLATION

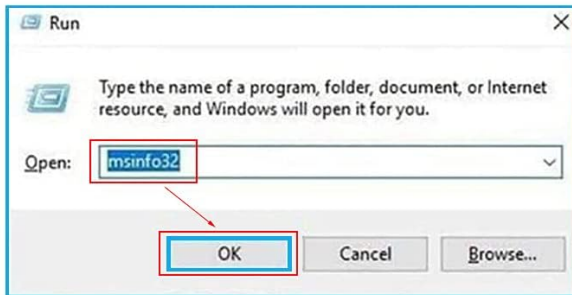
Before installing the new battery, ensure your laptop is powered off and disconnected from any power source. It is recommended to consult your laptop's service manual for specific disassembly instructions.

### 3.1 Identifying Your Laptop Model

To ensure compatibility and proper installation, it is crucial to correctly identify your laptop's model. Follow these steps:

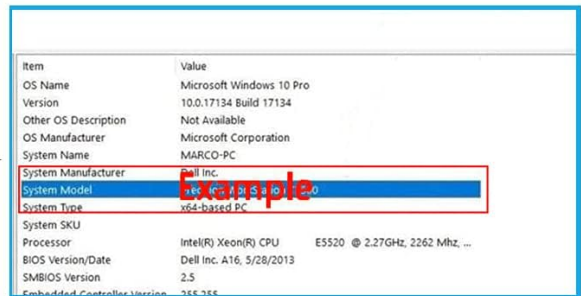
1. Press the **Windows key + R** simultaneously to open the Run dialog box.
2. Type **msinfo32** into the Run dialog box and click **OK**.
3. In the System Information window, locate the 'System Model' entry to find your laptop's model number.

Step 1 :  
Press **windows+ R**



Step 2:  
Type **msinfo32**, and Click OK

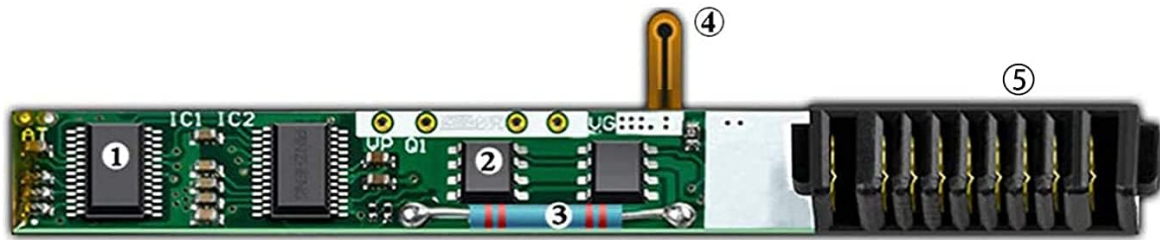
Step 3:  
Find **System Model**  
in the pop-up window



This diagram illustrates the steps to identify your laptop's system model: 1. Press Windows+R. 2. Type 'msinfo32' and click OK. 3. Locate 'System Model' in the System Information window.

## 3.2 Battery Installation Steps

1. **Power Off:** Shut down your laptop completely and disconnect the AC adapter.
2. **Disassemble:** Carefully open your laptop's back cover. This may require a small screwdriver (often included).
3. **Remove Old Battery:** Disconnect the old battery's cable from the motherboard and unscrew any retaining screws. Gently lift out the old battery.
4. **Install New Battery:** Place the new DGFTB battery into the battery compartment. Ensure it aligns with the fixed positions and screw holes.
5. **Connect:** Reconnect the battery's cable securely to the motherboard. Ensure the interface is fully connected.
6. **Reassemble:** Replace any screws and reattach the laptop's back cover.

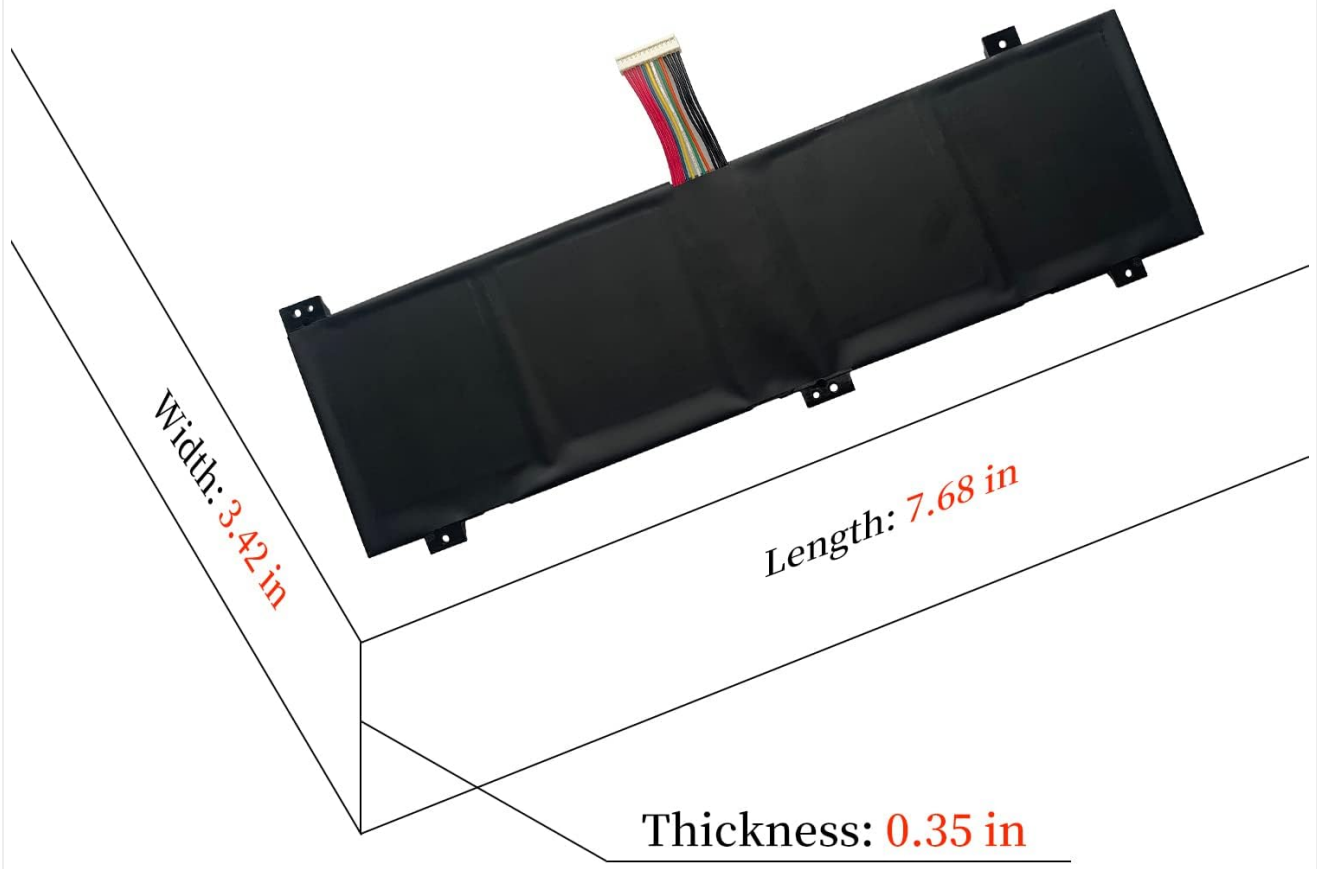


1. Main chip
2. Protection chip
3. Resistance
4. Temperatuer sensing
5. Conductor copper sheet



- Fast charging
- Stable output
- Longer discharge time
- Low power consumption
- Cycle discharge more than 500 times

An image showing the DGFTB laptop battery being carefully placed into the designated compartment within a laptop, with arrows indicating the proper alignment for installation.



A detailed view of the battery's gold-plated multi-pin connector, designed for secure and stable power transmission.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Initial Battery Calibration

For optimal performance and accurate battery reporting, perform the following calibration steps after initial installation:

1. Fully charge the battery to 100%.
2. Discharge the battery by using the laptop until it reaches approximately 5% charge (do not let it discharge to 0% and shut down).
3. Fully charge the battery again to 95-100%.
4. Repeat this charge/discharge cycle 3-4 times.

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

## 5. MAINTENANCE AND CARE

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Proper maintenance extends the lifespan of your laptop battery:

- **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 frequently use your laptop plugged in, consider discharging the battery to about 50% once a month and then recharging it to maintain battery health.
- **Storage:** If storing the battery for an extended period, charge it to about 50-60% and store it in a cool, dry place. Avoid storing it fully charged or fully discharged.
- **Cleaning:** Keep the battery contacts clean and free of dust or debris.

## 6. TROUBLESHOOTING

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If you encounter issues with your new battery, consider the following:

- **Battery Not Detected:** Ensure the battery connector is firmly seated. Reinstall the battery to confirm all connections are secure.
- **Battery Not Charging:** Verify that your AC adapter is functioning correctly and that the charging port on your laptop is not damaged. Ensure the battery calibration steps (Section 4.1) have been performed.
- **Short Battery Runtime:** Perform the battery calibration steps (Section 4.1). Check for background applications consuming excessive power.
- **Incorrect Battery Percentage:** This can often be resolved by performing the battery calibration steps.

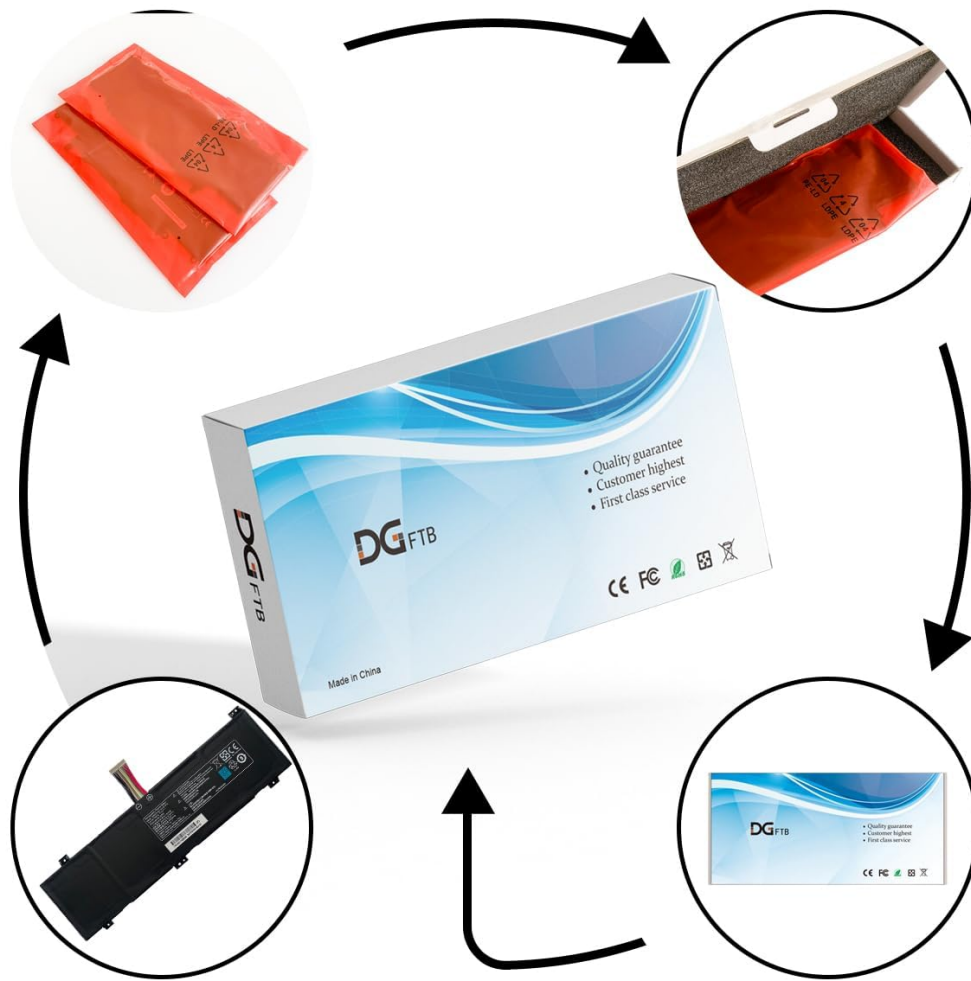
If problems persist after following these steps, please contact customer support.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	GK5CN-00-13-4S1P-0 (DG06XL)
Battery Type	Lithium Ion (Li-ion)
Voltage	15.2V
Capacity	62.32Wh / 4100mAh
Number of Cells	1 (Lithium Ion batteries required, included)
Item Weight	11.2 ounces
Package Dimensions	11.8 x 4.3 x 0.9 inches
Manufacturer	Foshan Eurasia Energy Technology Co., Ltd.

# DGFTB PRODUCT PACKAGING



This image provides the physical dimensions of the battery: Length 7.68 inches, Width 3.42 inches, and Thickness 0.35 inches, useful for verifying compatibility.

## GIVE YOUR BEST BATTERY LIFE EXPERIENCE



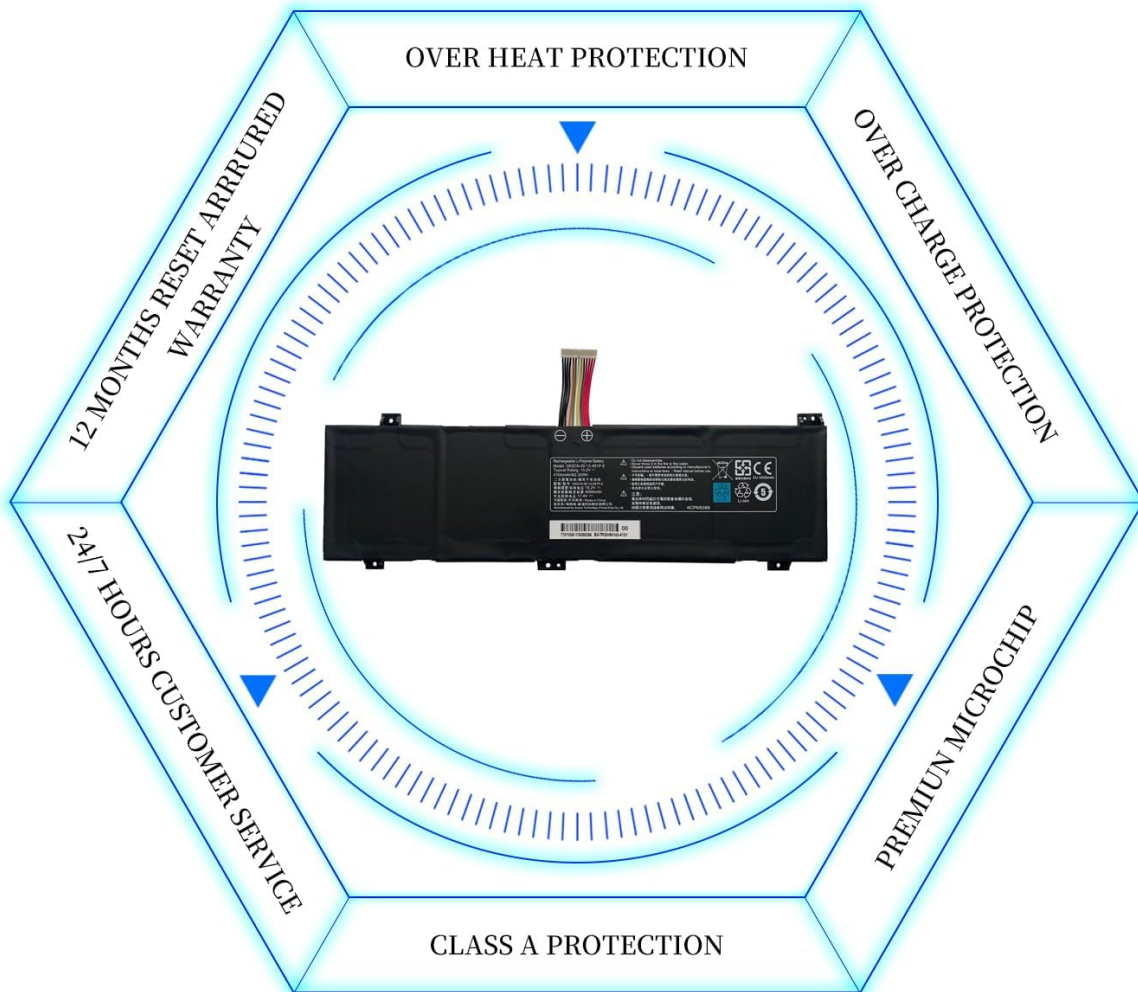
An exploded view illustrating the internal structure of the battery, identifying key components such as the main chip, protection chip, resistance, temperature sensing element, and conductor copper sheet, which contribute to its performance and safety.

## 8. WARRANTY AND SUPPORT

Your DGFTB GK5CN-00-13-4S1P-0 laptop battery comes with the following:

- **Warranty:** 12-month warranty.
- **Customer Service:** 24/7 customer support is available for assistance.

For warranty claims or technical support, please refer to the contact information provided with your purchase or visit the DGFTB official website.



A hexagonal diagram highlighting the battery's safety features: over-heat protection, over-charge protection, premium microchip, Class A protection, 12-month warranty, and 24/7 customer service.