

## BLESYS C4500BAT-6

# BLESYS C4500BAT-6 Laptop Battery User Manual

Model: C4500BAT-6 | Brand: BLESYS

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your BLESYS C4500BAT-6 laptop battery. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your battery.

The BLESYS C4500BAT-6 is a 6-cell, 11.1V, 4400mAh/48Wh lithium-ion battery designed for compatible Clevo Terra Mobile and B series laptops.

## 2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the battery, your laptop, and to avoid personal injury:

- **Do not** disassemble, crush, puncture, or short-circuit the battery.
- **Do not** expose the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- **Do not** dispose of the battery in fire or water.
- If the battery shows signs of swelling, leakage, or damage, discontinue use immediately.
- Keep the battery away from children.
- Use only the specified charger for your laptop.
- Avoid dropping the battery or subjecting it to strong impacts.

# BATTERIA PER COMPUTER PORTATILE AD ALTE PRESTAZIONI

Ogni batteria contiene diverse protezioni integrate

## **SICUREZZA**

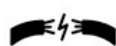
- ✓ Prestazioni affidabili
- ✓ Durata della batteria estesa
- ✓ Sicuro da usare sempre e ovunque



corto circuito



Surriscaldare



Sovraccarico



This image illustrates the integrated safety protections of the battery, including safeguards against short circuits, overheating, and overloads, ensuring reliable performance and extended battery life.

## 3. SETUP AND INSTALLATION

Follow these steps to properly install your new BLESYS C4500BAT-6 battery:

1. **Power Off Laptop:** Ensure your laptop is completely powered off and disconnected from the AC adapter.
2. **Remove Old Battery:** Carefully remove the existing battery from your laptop. Consult your laptop's manual for specific instructions on battery removal, as procedures may vary.
3. **Insert New Battery:** Align the BLESYS C4500BAT-6 battery with the battery compartment of your laptop. Gently push it into place until it clicks securely.
4. **Connect Charger:** After installing the battery, connect the AC adapter to your laptop.
5. **Start Laptop:** Power on your laptop. The battery should begin charging automatically.

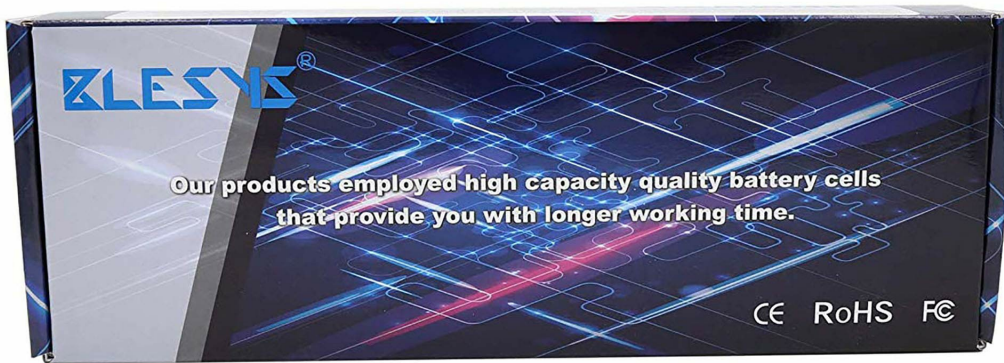


Image of the BLESYS C4500BAT-6 battery, illustrating its form factor for proper installation into the laptop's battery bay.

## 4. OPERATING INSTRUCTIONS

### First Use and Calibration

For optimal performance and to achieve the maximum capacity of your new battery, a calibration cycle is recommended:

1. Fully discharge the battery until the laptop's remaining power reaches approximately 7%.
2. Shut down the laptop.
3. Charge the battery continuously for at least 12 hours without interruption.
4. Repeat this full charge and discharge cycle 2-3 times. This process helps to fully exercise and optimize the battery's maximum performance capabilities.

### General Usage

- Avoid frequently discharging the battery completely to 0%. Partial discharges and charges are generally better for

lithium-ion battery longevity.

- If storing the battery for an extended period, ensure it is charged to approximately 50-70% and stored in a cool, dry place.

## 5. MAINTENANCE

- **Cleaning:** Keep the battery contacts clean. Use a dry, soft cloth to wipe away any dust or debris.
- **Temperature:** Operate your laptop and battery within recommended temperature ranges. Extreme heat or cold can degrade battery performance and lifespan.
- **Storage:** If the battery will not be used for an extended period (more than two weeks), remove it from the laptop and store it in a cool, dry place with a charge level between 50% and 70%.
- **Disposal:** Do not dispose of old batteries with household waste. Follow local regulations for proper disposal of lithium-ion batteries. Many electronics retailers offer battery recycling services.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	AC adapter not connected properly. Faulty AC adapter or charging port. Battery not seated correctly. Driver issues.	Ensure AC adapter is firmly connected to both laptop and power outlet. Test with another compatible AC adapter if available. Re-install the battery, ensuring it clicks into place. Update or reinstall battery drivers via Device Manager.
Short battery life	High power consumption by applications. Screen brightness too high. Battery not fully calibrated. Battery degradation over time.	Close unnecessary applications. Reduce screen brightness. Perform the battery calibration steps outlined in Section 4. Consider replacing the battery if it's old and significantly degraded.
Battery not recognized by laptop	Improper installation. Outdated BIOS/firmware. Compatibility issue.	Remove and re-install the battery carefully. Check for and install any available BIOS/firmware updates for your laptop model. Verify compatibility with your specific laptop model and part number. Contact support if unsure.

## 7. SPECIFICATIONS

- **Brand:** BLESYS
- **Model:** C4500BAT-6
- **Battery Type:** Lithium-ion
- **Voltage:** 11.1 Volts
- **Capacity:** 4400 mAh / 48 Wh
- **Number of Cells:** 6-cell



- **Product Dimensions:** 26.8 x 5 x 2 cm
- **Item Weight:** 287 grams
- **Recommended Use:** Laptop

### Classe "A" Batteria Cells

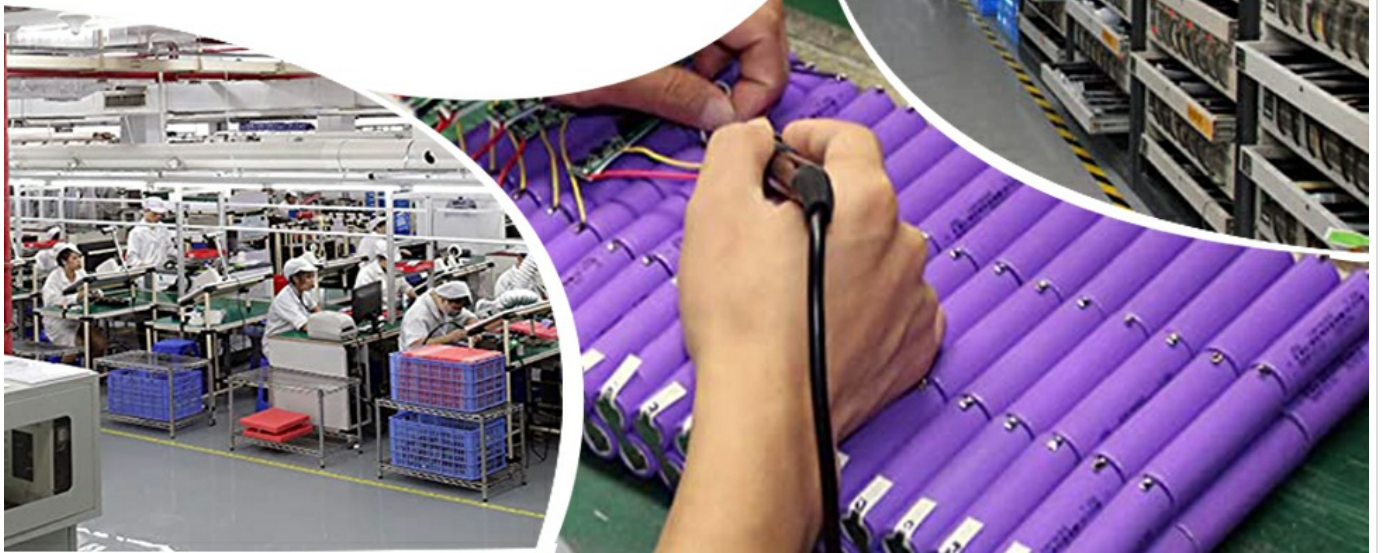


## POTENZA DI CUI PUOI FIDARTI

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The images show the internal "Class A" battery cells and the manufacturing process, emphasizing the use of high-quality lithium-ion materials for reliable performance.

## 8. COMPATIBILITY

This BLESYS C4500BAT-6 battery is compatible with, but not limited to, the following laptop models and part numbers:

- **Clevo Terra Mobile Series:** 1512, 1509, 1511, 1526, 1527, 1547, 1547p, 1528
- **Clevo B Series:** B4100M, B4105, B5100M, B5130M, B7110, B7130
- **Replaceable Part Numbers:** C4500BAT-6, BAT-B5105M, 6-87-C480S-4G4, 6-87-E412S-4D7

This list is not exhaustive. If your original part number or laptop model is not explicitly listed, the battery may still be compatible. Please contact BLESYS customer support for confirmation of compatibility if you are unsure.

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or compatibility inquiries, please refer to the official BLESYS website or

contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.  
**Contact Information:** Please visit the [BLESYS Store on Amazon](#) for further assistance or to find contact details.