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› BE•SELL 6GTPY Laptop Battery Instruction Manual for Dell XPS 15 and Precision Series

BE•SELL 6GTPY

BE•SELL 6GTPY Laptop Battery Instruction Manual

For Dell XPS 15, Precision, and Vostro Series Laptops

INTRODUCTION

This instruction manual provides essential information for the safe and effective installation, operation, and maintenance of your BE•SELL 6GTPY replacement laptop battery. Please read this manual thoroughly before proceeding with installation or use to ensure optimal performance and longevity of your battery.

COMPATIBILITY

The BE•SELL 6GTPY battery is designed for specific Dell laptop models and part numbers. Verify your laptop's model and existing battery part number before installation.

Compatible Part Numbers:

- 6GTPY
- 5041C
- 4GVGH
- 05041C
- 5D91C
- 5XJ28
- GPM03
- P56F002
- P56F001
- P56F

Compatible Laptop Models:

- Dell XPS 15 9560 Series (e.g., XPS 15-9560-D1745, XPS 15-9560-D1845T, XPS 15 9560 i7-7700HQ)
- Dell XPS 15 9570 Series (e.g., XPS 15-9570-D1541, XPS 15-9570-D1945T, XPS 15 9570 i7 UHD)
- Dell XPS 15 7590 Series
- Dell Vostro 7500 Series
- Dell Precision 5520 (M5520 Workstation) Series

- Dell Precision 5530 (M5530 Xeon E-2176M Workstation) Series
- Dell Precision 5540 (M5540 Workstation) Series

Important Note for Dell Precision 5510 and similar models:

Some Dell laptops, such as the Precision 5510, may use two different battery types (6GTPY and H5H20) depending on whether an SSD/HDD is installed. The 6GTPY battery is longer and is typically used when there is no 2.5-inch SSD/HDD. If your laptop has a 2.5-inch SSD/HDD, you likely require the H5H20 battery. It is crucial to open your laptop's back cover and verify the existing battery model before installation to ensure compatibility.



Image: Comparison of 6GTPY and H5H20 battery types. The 6GTPY battery is for configurations without a 2.5-inch SSD/HDD, while the H5H20 is for configurations with one.

PRODUCT SPECIFICATIONS

- **Model:** 6GTPY
- **Product Type:** Replacement Laptop Battery
- **Battery Type:** Li-ion (Lithium-ion)
- **Number of Cells:** 6 Cell
- **Voltage:** 11.4V
- **Capacity:** 97Wh
- **Item Weight:** Approximately 14.1 ounces (400 grams)
- **Product Dimensions:** Approximately 12 x 4.5 x 1.3 inches (30.5 x 11.4 x 3.3 cm)
- **Safety Certifications:** CE, FCC, RoHS Certified
- **Protection Features:** Built-in overcharger and discharger circuit protection for safety and stability.

HIGHT STANDARDS

Grade "A+" Cells



Much longer
discharge time



Lower power
consumption



Quicker
charging



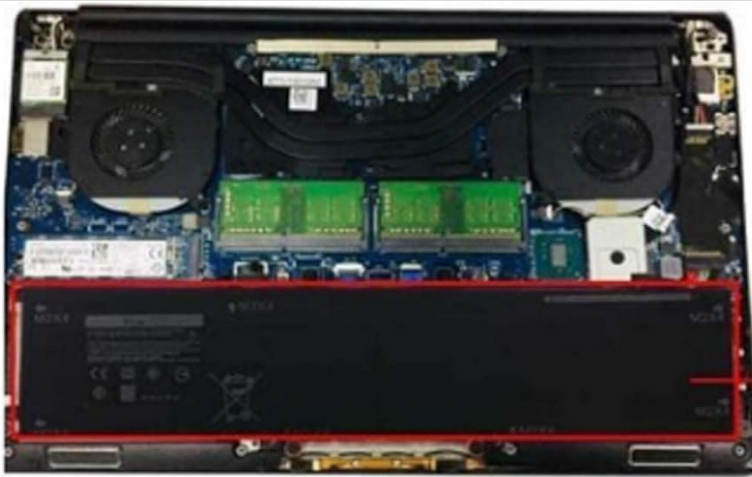
Image: Features of the battery, including Grade A cells for performance and safety certifications.

INSTALLATION GUIDE

Replacing a laptop battery requires careful handling. If you are uncomfortable performing this procedure, consider seeking professional assistance.

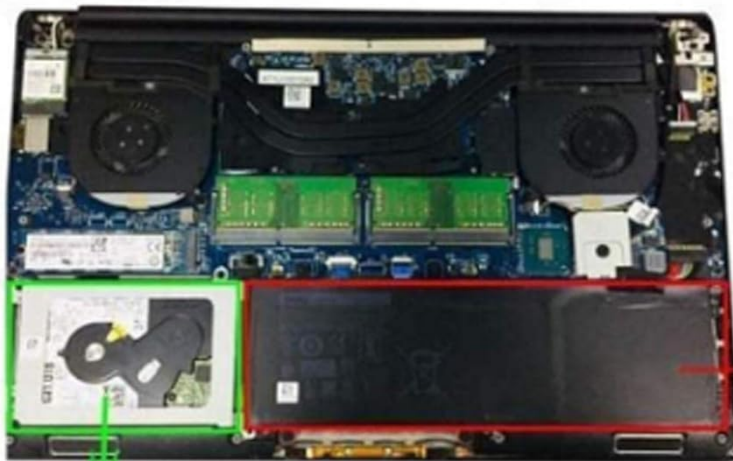
Tools Provided:

Your BE•SELL battery package typically includes two screwdrivers and a plastic pry tool to assist with opening your laptop's back cover.



Model Number: 6GTPY

Note: Please open your laptop's back case to check which battery is correct firstly. If your laptop has a 2.5" SSD or HDD as the picture, you should choose the H5H20. If not, you need choose the 6GTPY. [H5H20 Not Compatible with 6GTPY.]



Model Number: H5H20

SSD/HDD

Image: The BE•SELL 6GTPY battery and included installation tools.

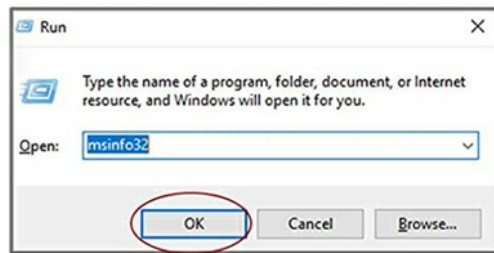
Pre-Installation Steps:

1. **Power Off:** Ensure your laptop is completely powered off and disconnected from the AC adapter.
2. **Discharge Residual Power:** Press and hold the power button for 15-20 seconds to drain any residual power.
3. **Prepare Workspace:** Work on a clean, static-free surface. Consider using an anti-static wrist strap.
4. **Identify Laptop Model:** If unsure of your exact laptop model, follow these steps:

1) press Windows + R



2) type "msinfo32" then click OK



3) find "System Model" in the pop-up window

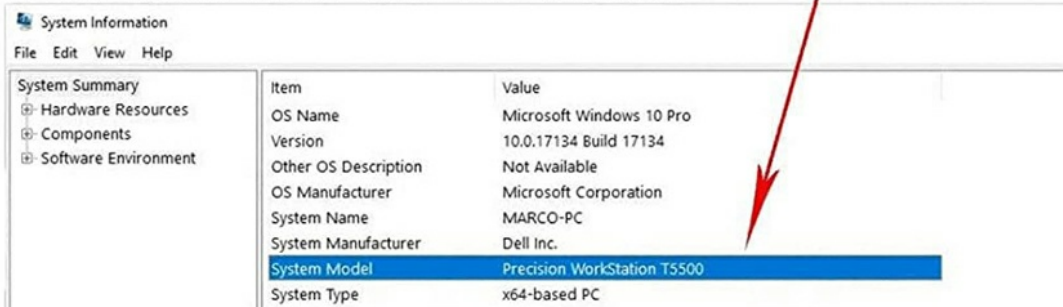


Image: Steps to check your laptop's system model using 'msinfo32'.

Battery Installation Steps:

1. **Remove Back Cover:** Carefully unscrew all screws securing the laptop's back cover. Use the provided screwdrivers. Gently pry open the cover using the plastic tool.
2. **Locate Old Battery:** Identify the existing battery within the laptop chassis.
3. **Disconnect Old Battery:** Carefully disconnect the battery cable from the motherboard. This is a critical step to prevent short circuits.
4. **Remove Old Battery:** Unscrew any screws holding the old battery in place and remove it.
5. **Install New Battery:** Place the new BE•SELL 6GTPY battery into the compartment. Ensure it aligns correctly with the screw holes.
6. **Secure New Battery:** Screw the new battery into place.
7. **Connect New Battery:** Carefully connect the battery cable to the motherboard. Ensure a firm and secure connection.
8. **Reattach Back Cover:** Replace the laptop's back cover and secure it with all screws.

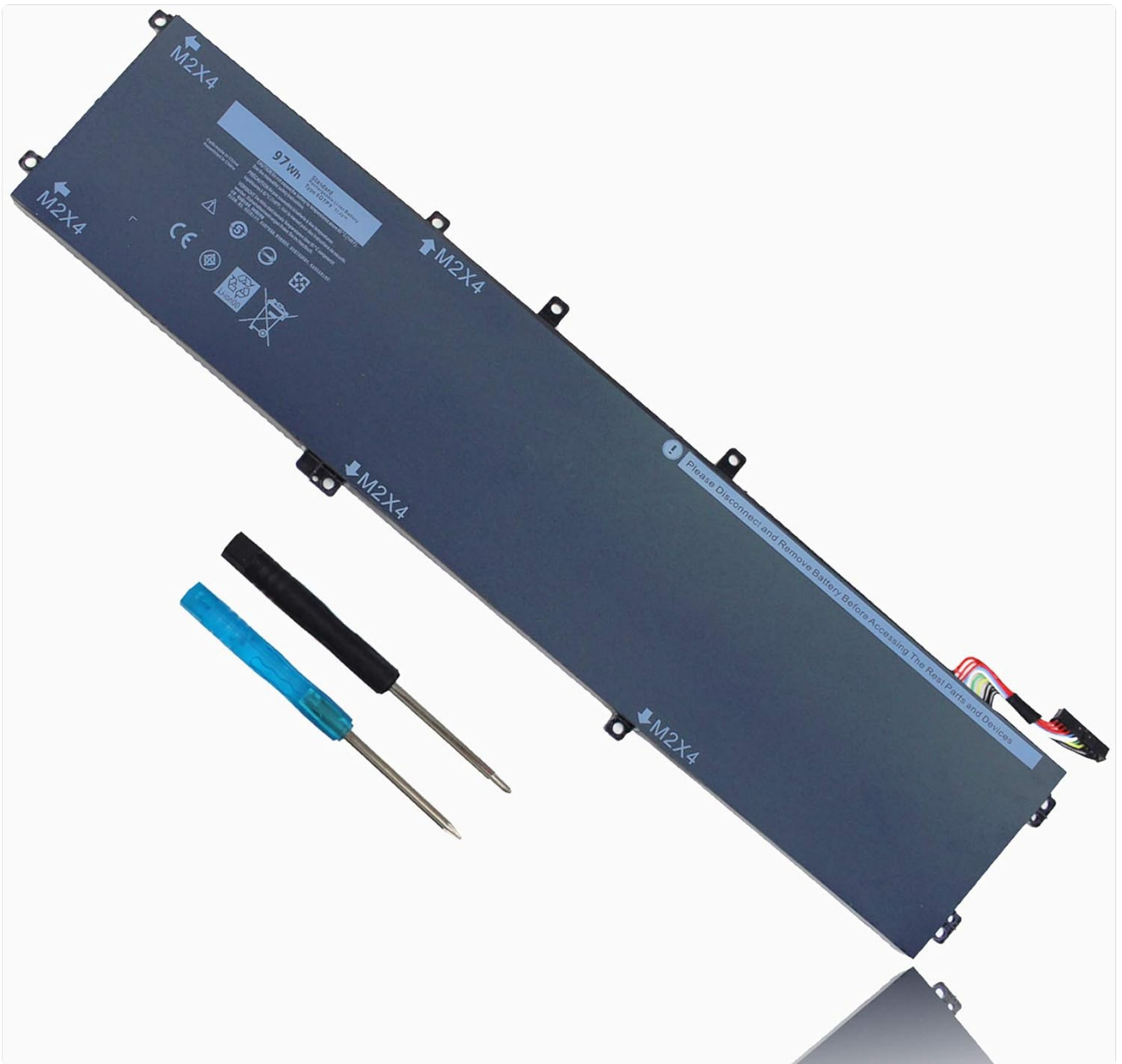


Image: The 6GTPY battery and tools, illustrating components for installation.

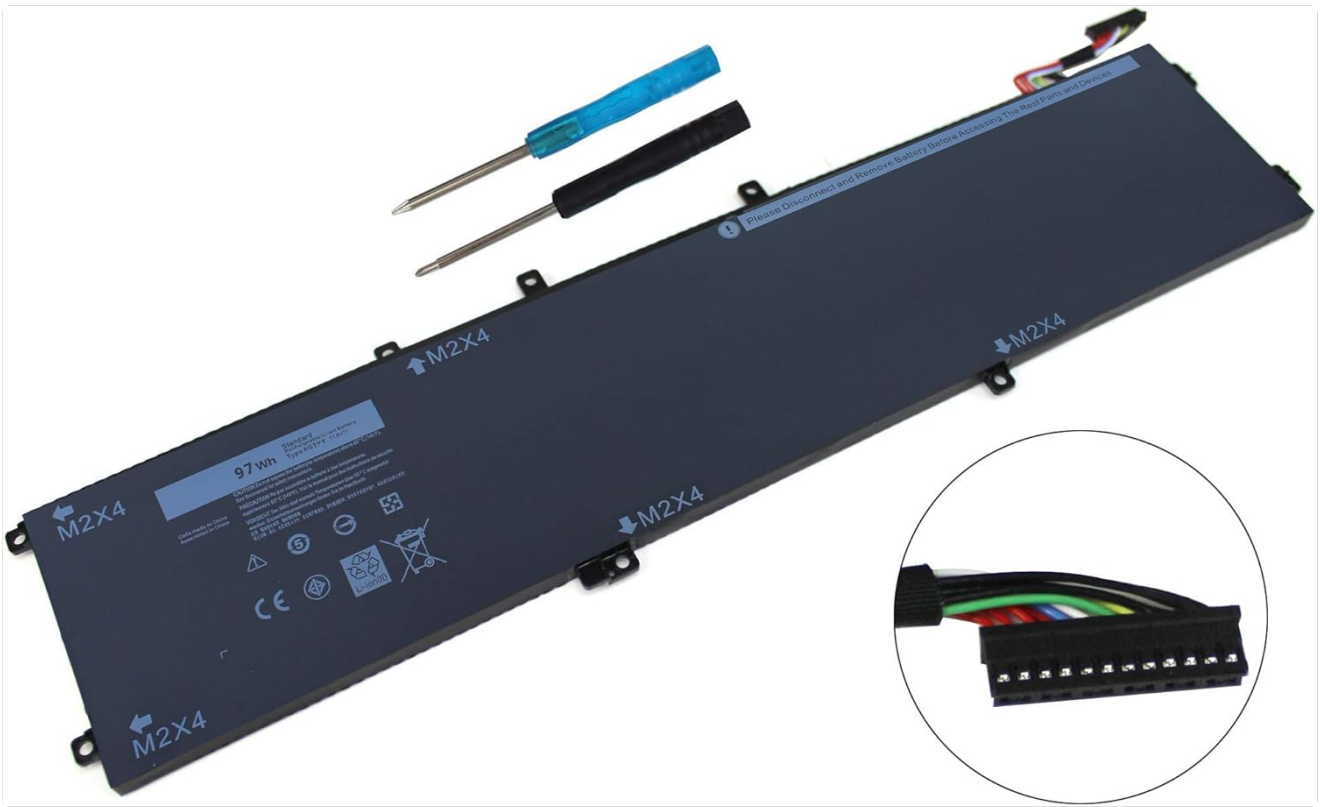


Image: Detail of the battery's connection port.

Product details



Connection port

High quality connector,
stable battery input

Battery Buckle

The laptop is closely integrated
with buckle fixing battery to
ensure safe and efficient



Image: Product details showing the connection port and battery buckle for secure fit.

OPERATING INSTRUCTIONS

Initial Use:

1. After installation, connect your laptop to the AC adapter.
2. Fully charge the new battery to 100% before its first use.
3. Once fully charged, disconnect the AC adapter and use the laptop on battery power until it discharges to about 5-10%.
4. Repeat the full charge/discharge cycle 2-3 times to calibrate the battery and optimize its performance.

Expected Performance:

Under normal usage conditions, the BE•SELL 6GTPY battery is designed to provide an expected run time of approximately 2-5 hours, depending on laptop model, power settings, and application usage.



EASY TO DEAL WITH VARIOUS USE ENVIRONMENT

• Laptop battery backup makes your life better •



Expected Run Time 2-5 hour



Image: The battery supports various laptop usage environments with an expected run time of 2-5 hours.

BATTERY MAINTENANCE AND CARE

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

- **Avoid Full Discharges:** Do not regularly allow the battery to completely discharge to 0%. Frequent deep discharges can reduce battery life.
- **Optimal Charge Level:** For daily use, try to keep the battery charge between 20% and 80%.
- **Temperature Control:** Avoid exposing your laptop and battery to extreme temperatures (very hot or very cold), as this can degrade battery performance and capacity.

- **Long-Term 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 to 50-60% every few months.
- **Regular Calibration:** Periodically (every 2-3 months), perform a full charge and discharge cycle to recalibrate the battery's fuel gauge.

TROUBLESHOOTING

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

- **Battery Not Charging or Holding Charge:**
 - Ensure the battery cable is securely connected to the motherboard.
 - Verify that your AC adapter is functioning correctly and providing power.
 - Check laptop power settings to ensure battery charging is enabled.
 - Perform a battery calibration cycle (full charge, then full discharge).
- **Laptop Not Recognizing Battery / Error Messages:**
 - Ensure the battery is correctly installed and its connector is fully seated.
 - Update your laptop's BIOS to the latest version, as this can sometimes resolve compatibility issues.
 - Uninstall and reinstall the battery drivers in Device Manager (under 'Batteries').
- **Loose Fit or Physical Instability:**
 - Double-check that all battery mounting screws are tightened.
 - Ensure the battery is correctly seated in its compartment and not obstructed by other components.
 - Re-verify that you have the correct battery model (6GTPY vs. H5H20) for your specific laptop configuration, especially if your laptop has a 2.5-inch SSD/HDD.

If these steps do not resolve the issue, please contact BE•SELL customer support for further assistance.

WARRANTY AND SUPPORT

Warranty Information:

Your BE•SELL 6GTPY laptop battery comes with a **60-day refund policy** and a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and performance issues under normal use.

Customer Support:

For any questions, technical assistance, or warranty claims, BE•SELL offers **24/7 email support**. To contact support, please navigate to the seller's store page on the platform where you purchased the battery and use the 'Ask a question' option. Provide your order details for faster service.

