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Emanjor PK03XL

Emanjor PK03XL Laptop Battery User Manual

For HP Spectre X360 and ENVY X360 Series Laptops

1. PRODUCT OVERVIEW

This manual provides instructions for the Emanjor PK03XL replacement laptop battery. The PK03XL is a rechargeable Li-polymer battery designed to provide reliable power for compatible HP laptop models.

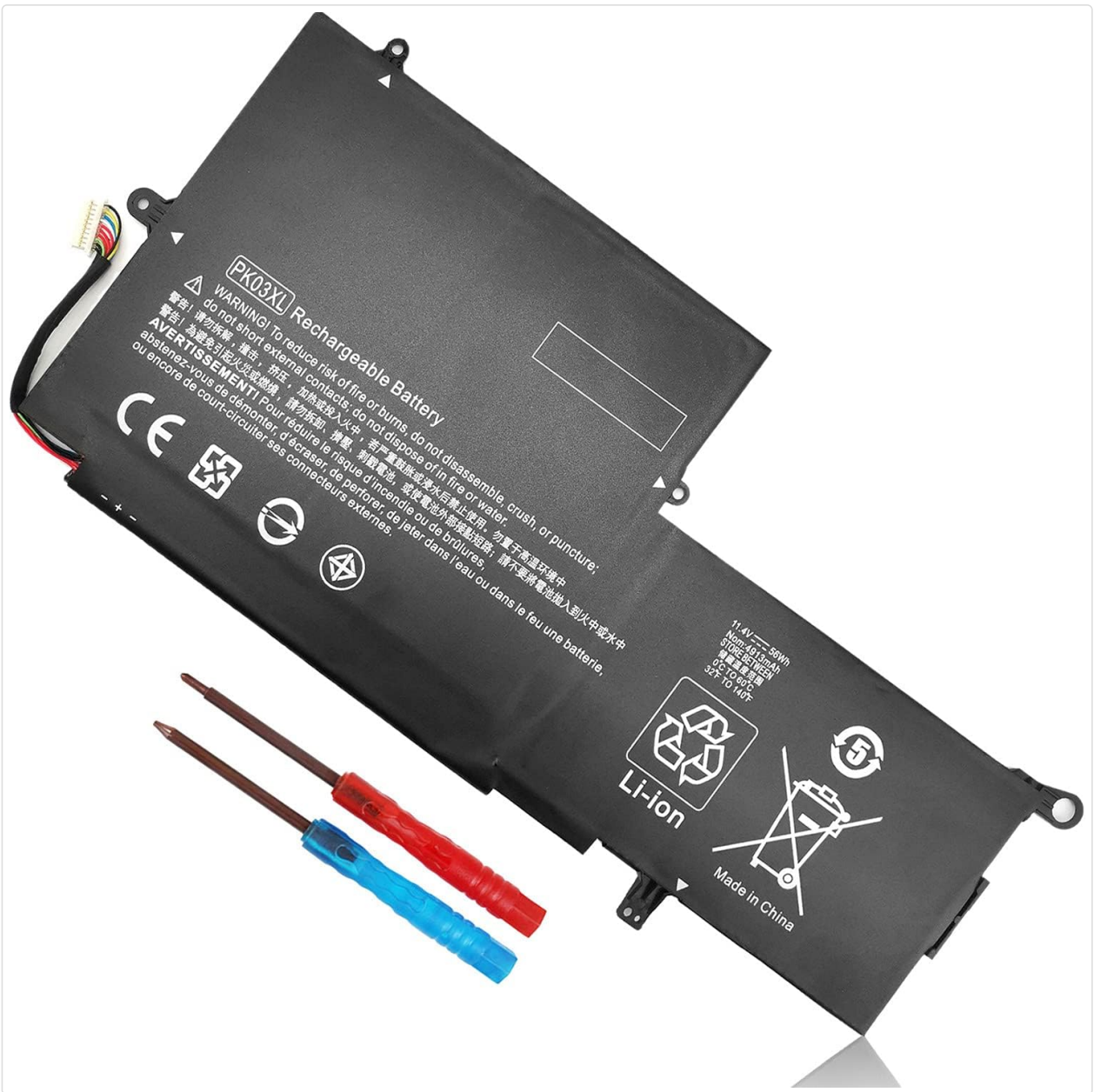


Image 1.1: Emanjor PK03XL Laptop Battery with two screwdrivers.

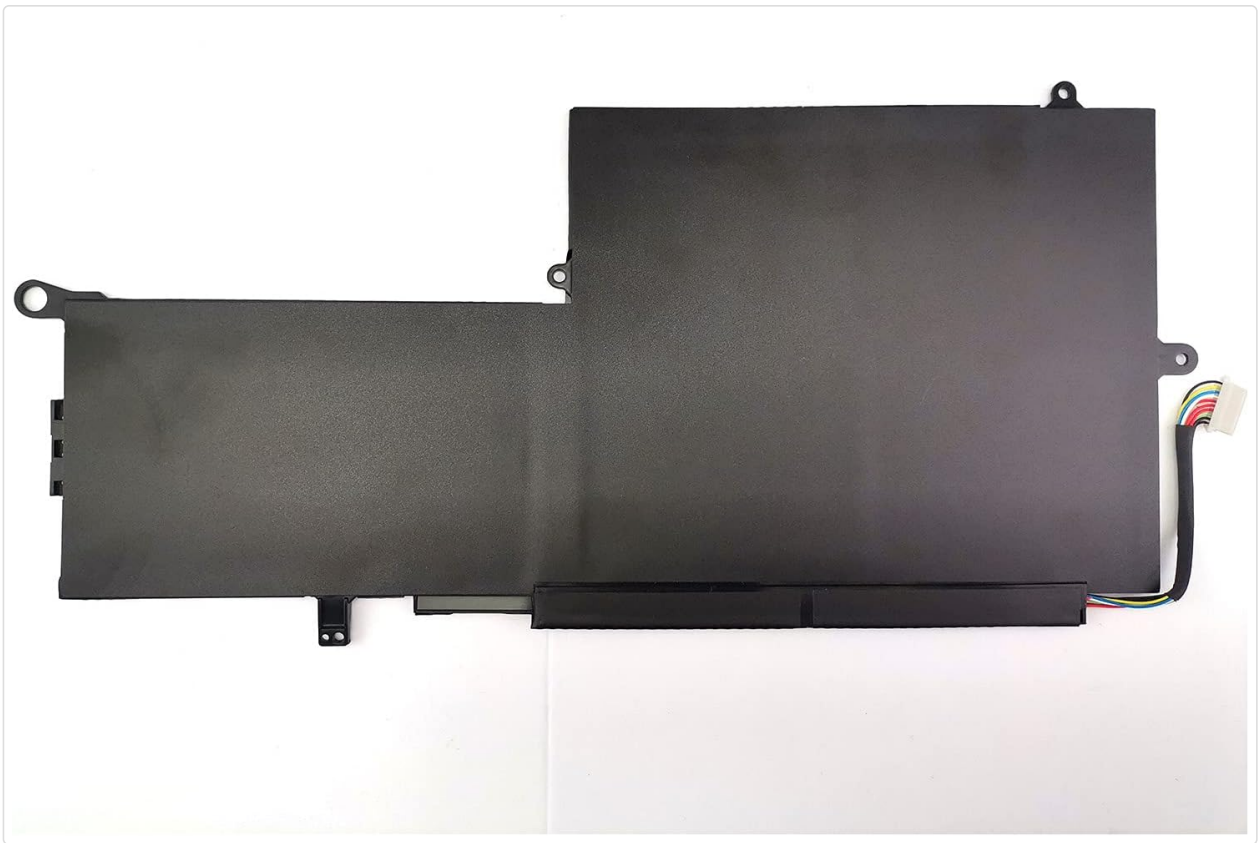


Image 1.2: Back view of the Emanjor PK03XL Laptop Battery.



Image 1.3: Close-up details of the battery's durable power interface, strong ABS+PC shell, and firm battery clasp.

2. COMPATIBILITY

The Emanjor PK03XL battery is compatible with the following part numbers and laptop models:

Compatible Part Numbers:

- PK03XL
- PK03056XL-PL
- 788237-2C1, 788237-2C3
- 789116-005
- HSTNN-DB6S
- TPN-Q157

Compatible Laptop Models:

- **HP Spectre X360 Series:** 13-4000, 13-4100, 13-4200, 13T-4000, 13T-4100, 13T-4200 (including specific models like 13-4001dx, 13-4101dx, 13-4110dx, 13-4193dx, etc.)
- **HP Spectre Pro X360 Series:** G1, G2
- **HP ENVY X360 Convertible Series:** 13-Y013CL, 13-Y023CL, 13-Y034CL, 13-Y044CL, 13-Y084CL, 13-Y094CL, 13T-Y000, 13-y073nr, 15-ay034tu, 15-ay035tu

Note: This list is not exhaustive. Always verify compatibility by checking your original battery's part number and your laptop's specific model number before purchase and installation.

3. SAFETY INFORMATION

To ensure safe operation and prolong the life of your battery, please observe the following safety guidelines:

- Store the battery in a dry and cool place.
- Do NOT dispose of the battery in fire or water.
- Avoid exposing the battery to extreme temperatures (high or low).
- Do not disassemble, crush, puncture, or modify the battery.
- Keep the battery away from children.
- The battery is equipped with intelligent security technology including short circuit protection, over voltage protection, discharge protection, and over current protection.

SAFE

MULI PROTECT

INTELLIGENT SECURITY TECHNOLOGY



Antistatic impact



Temperature anomaly



Short circuit protection



Overcurrent protection



Voltage protection



Overpower protection



Discharge protection



Electromagnetic safety



Charge time protection



Chip monitoring



Power protection



Reserve protection



RoHS

FC

CE



Image 3.1: Overview of the battery's intelligent security features and certifications.

4. INSTALLATION GUIDE

The Emanjor PK03XL battery package includes two screwdrivers to assist with installation. Follow these steps carefully:

4.1. Verify Correct Battery Model

Before proceeding with installation, it is crucial to confirm that you have the correct replacement battery for your laptop. You can do this by checking your original battery's part number and your laptop's system model.

1. **Check Original Battery Part Number:** Open your laptop's back case and locate the original battery. Note the part number printed on it (e.g., PK03XL, 789116-005).

2. Check Laptop Model Name:

- a. Press the **Win + R** keys simultaneously to open the Run dialog.
- b. Type msinfo32 or dxdiag and press Enter.
- c. In the System Information window, find and note your system model.



Image 4.1: Instructions for identifying your laptop's model and original battery part number.

4.2. Battery Replacement Steps

It is recommended to perform this procedure on a clean, flat surface. Use a small container to keep track of screws.

1. **Power Off and Disconnect:** Completely shut down your laptop and disconnect the AC adapter.
2. **Open Laptop Case:** Carefully open the back case of your laptop using the appropriate screwdriver provided. Refer to your laptop's specific service manual for exact screw locations and opening procedures.
3. **Disconnect Old Battery:** Locate the old battery. Gently disconnect its cable from the motherboard.
4. **Remove Old Battery:** Unscrew any retaining screws holding the old battery in place and carefully lift it out.
5. **Install New Battery:** Place the new Emanjor PK03XL battery into the battery compartment. Ensure it sits correctly.
6. **Connect New Battery:** Connect the new battery's cable to the motherboard, ensuring a secure fit.
7. **Close Laptop Case:** Replace the laptop's back case and secure it with the screws.
8. **Power On:** Connect the AC adapter and power on your laptop.

5. INITIAL USE AND CALIBRATION

For optimal performance and accurate battery reporting, it is recommended to calibrate your new battery after installation:

1. **Full Charge:** Charge the battery to 100% capacity.
2. **Discharge:** Disconnect the AC adapter and use the laptop until the battery is completely drained and the laptop shuts down automatically.
3. **Recharge:** Reconnect the AC adapter and charge the battery to 100% again without interruption.
4. **Repeat:** Repeat this full charge/discharge cycle 2-3 times. This process helps the battery management system accurately learn the new battery's full capacity.

6. BATTERY CARE AND MAINTENANCE

Proper care can extend the lifespan of your laptop battery:

- **Avoid Deep Discharges:** While calibration requires a full discharge, for daily use, try to avoid letting the battery drain completely too often.
- **Moderate Temperatures:** Operate your laptop in moderate temperature environments. Extreme heat or cold can degrade battery performance and lifespan.
- **Storage:** If storing the battery for an extended period, ensure it is charged to about 50-70% and stored in a cool, dry place.
- **Regular Use:** If you primarily use your laptop connected to an AC adapter, consider discharging the battery to about 20% and recharging it fully once a month to keep the battery cells active.
- The battery is designed for approximately 300-500 discharge per charge cycles.

7. SPECIFICATIONS

56Wh
True Capacity

11.4V
Voltage

3 Cells
Grade A

1 Year
Warranty



Image 7.1: Key specifications of the Emanjor PK03XL Laptop Battery.

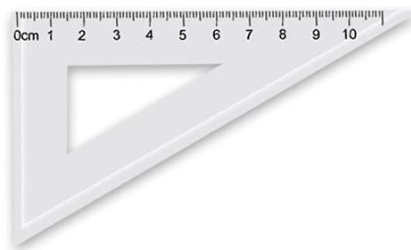
Feature	Specification
Model Name	PK03XL
Battery Type	Li-polymer
Voltage	11.4V
Capacity	56Wh
Cells	3-Cell
Item Weight	13.1 ounces
Product Dimensions	11.88 x 5.3 x 0.13 inches
Estimated Life Span	300-500 discharge cycles

PRODUCT SIZE

Accurate 1:1 mold as the original design
making more suitable for your laptop



H-0.13inch/0.01ft



* Size for reference only. Please be subject to the actual products.

Image 7.2: Physical dimensions of the Emanjor PK03XL Laptop Battery.

8. TROUBLESHOOTING

If you encounter issues with your Emanjor PK03XL battery, consider the following common solutions:

8.1. Battery Not Charging

- **Check Connections:** Ensure the AC adapter is securely plugged into both the laptop and the power outlet. Verify the battery cable is properly connected inside the laptop.
- **Power Adapter:** Confirm your AC adapter is functioning correctly and is the original or a compatible replacement for your laptop.
- **Software/Drivers:** Sometimes, updating or reinstalling battery drivers in your operating system's Device Manager can resolve charging issues.

8.2. Battery Not Holding Charge / Short Battery Life

- **Calibration:** Perform the battery calibration steps outlined in Section 5.
- **Power Settings:** Adjust your laptop's power management settings to optimize battery usage. Reduce screen brightness, disable unnecessary background applications, and use power-saving modes.
- **Background Processes:** Close any demanding applications or processes running in the background that consume significant power.

8.3. Laptop Not Recognizing Battery

- **Re-seat Battery:** Power off the laptop, disconnect the AC adapter, open the back case, and carefully disconnect and reconnect the battery cable to ensure a firm connection.
- **BIOS Update:** In rare cases, an outdated BIOS might cause compatibility issues. Check your laptop manufacturer's website for BIOS updates.

If these steps do not resolve the issue, please contact customer support.

9. WARRANTY AND SUPPORT

Emanjor provides comprehensive support for your PK03XL battery:

- **Warranty:** The battery is covered by a 12-month replacement warranty for any issues.
- **Money-Back Guarantee:** A 60-day money refund is available if you are not satisfied with the product.
- **Customer Support:** 24x7 email support is available to assist with any questions or concerns.

For support, please contact the seller, ECHEER, through the platform where you purchased the battery.