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› NP99sp NewPower99 Battery Kit for Samsung Galaxy Tab S3 SM-T820 Instruction Manual

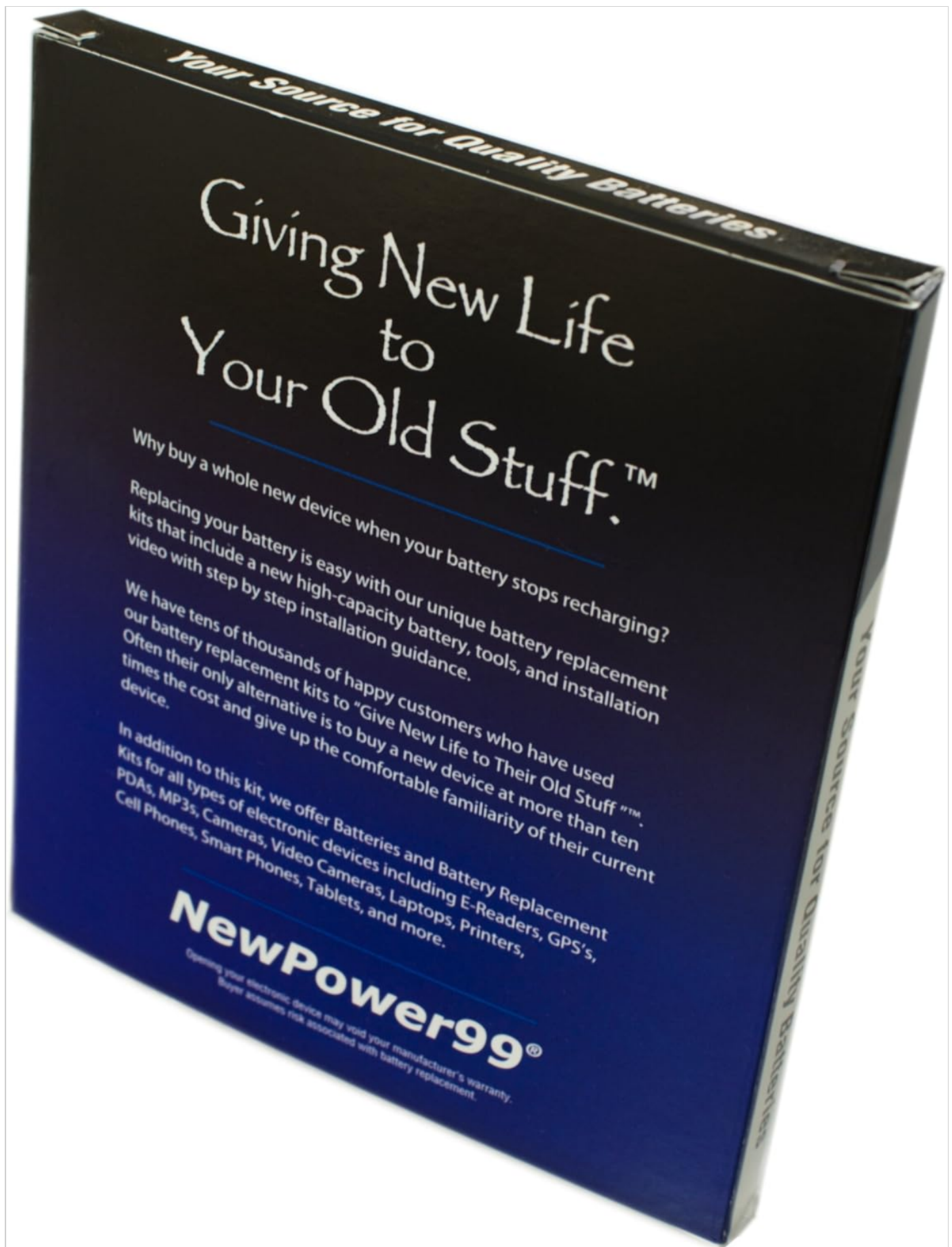
NP99sp SM-T820

NP99sp NewPower99 Battery Kit Instruction Manual

FOR SAMSUNG GALAXY TAB S3 MODEL SM-T820

Introduction

This manual provides detailed instructions for replacing the battery in your Samsung Galaxy Tab S3 SM-T820 using the NP99sp NewPower99 Battery Kit. The kit includes a 6000 mAh Lithium-Polymer battery, specialized tools, and access to an instructional video to guide you through the process. Please read all instructions carefully before beginning the battery replacement.



The NP99sp Battery Replacement Kit box, highlighting the included battery, tools, and instructional video.

Kit Contents:

- NewPower99 6000 mAh Lithium-Polymer Replacement Battery
- Specialized Electronics Opening Tools

- Screwdrivers (as needed for specific models)
- Step-by-Step Video Instructions (accessible online)



Contents of the NP99sp Battery Kit, including the new battery, specialized opening tools, and screwdrivers.

Safety Information

Always prioritize safety when working with electronic devices and batteries. Failure to follow these guidelines may result in damage to your device, personal injury, or fire.

- **Power Off Device:** Ensure your Samsung Galaxy Tab S3 is completely powered off before beginning any disassembly.
- **Static Electricity:** Work in a static-free environment. Consider using an anti-static wrist strap.
- **Handle with Care:** Batteries can be damaged by punctures or excessive bending. Handle the new and old batteries carefully.
- **Avoid Short Circuits:** Do not allow metal objects to come into contact with the battery terminals.
- **Temperature:** Do not expose the battery to extreme temperatures (hot or cold).
- **Disposal:** Dispose of the old battery responsibly according to local regulations. Do not throw it in household trash.
- **Professional Assistance:** If you are uncomfortable performing the replacement, seek professional assistance.

Setup and Installation

Before starting, verify your tablet's model number is SM-T820 to ensure compatibility. Gather all tools provided in the kit. The following video provides a visual guide for the battery replacement process.



Official NewPower99 video demonstrating the battery replacement process for various devices, including tablets. This video provides visual guidance for installing your new battery.

General Installation Steps:

1. **Power Off:** Completely power off your Samsung Galaxy Tab S3.
2. **Disassembly:** Carefully open the tablet casing using the provided specialized tools. Refer to the instructional video for precise opening techniques for your specific model.
3. **Disconnect Old Battery:** Locate and gently disconnect the old battery's connector from the tablet's motherboard.
4. **Remove Old Battery:** Carefully pry out the old battery. It may be secured with adhesive. Use caution to avoid

bending or puncturing the battery.

5. **Install New Battery:** Place the new NP99sp battery into position. Ensure it fits correctly.
6. **Connect New Battery:** Connect the new battery's connector to the motherboard, ensuring a secure fit.
7. **Reassembly:** Carefully reassemble the tablet casing, ensuring all clips and screws are properly secured.
8. **Initial Charge:** Once reassembled, connect your tablet to its charger and allow it to charge fully before first use.



Close-up of the NewPower99 6000 mAh Lithium-Polymer replacement battery for Samsung Galaxy Tab S3 SM-T820.

Operating and Maintenance

First Use and Charging:

- For optimal performance, fully charge the new battery before its first use.
- Use only the original or certified compatible charger for your Samsung Galaxy Tab S3.

Battery Care Tips:

- Avoid completely draining the battery frequently. Charge it before it reaches very low levels.
- Do not leave the tablet connected to the charger for extended periods after it's fully charged.
- Store the tablet in a cool, dry place when not in use for long periods.
- Avoid exposing the tablet to direct sunlight or extreme heat, as this can degrade battery life.

Troubleshooting

If you encounter issues after battery replacement, consider the following:

- **Device Not Powering On:** Double-check all internal connections, especially the battery connector, to ensure they are secure.
- **Battery Not Charging:** Verify that the charging cable and adapter are functioning correctly. Ensure the battery connector is firmly seated.
- **Short Battery Life:** Ensure the new battery is fully charged. Review your tablet's power settings and background app usage.
- **Overheating:** If the tablet overheats, immediately power it off and disconnect the charger. Re-check the battery

installation and ensure no components are short-circuiting.

If problems persist, refer to the instructional video again or contact customer support.

Specifications

Brand	NP99sp
Manufacturer	NewPower99
Compatible Model	Samsung Galaxy Tab S3 SM-T820
Battery Cell Composition	Lithium Polymer
Battery Capacity	6000 Milliamp Hours
Item Weight	6 ounces
Unit Count	1 Count

Warranty and Support

The NP99sp NewPower99 Battery Kit is backed by a full one-year guarantee. For warranty claims, technical assistance, or further support, please contact the seller directly through your purchase platform. Ensure you have your order details available for faster 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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