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› ITMBET 6000mAh Battery Replacement for Samsung Galaxy S21 Ultra User Manual

ITMBET For S21U

ITMBET 6000mAh Battery Replacement for Samsung Galaxy S21 Ultra User Manual

Model: For S21U (Compatible with SM-G998B/DS, SM-G998U)

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective installation and use of your ITMBET 6000mAh replacement battery for the Samsung Galaxy S21 Ultra. Please read this manual thoroughly before proceeding with installation to ensure proper function and safety.

Package Contents:

- 1 x ITMBET 6000mAh Replacement Battery for Samsung Galaxy S21 Ultra
- 1 x Repair Tool Kit (includes screwdrivers, prying tools, suction cup, adhesive strips)



Image 1.1: ITMBET 6000mAh replacement battery and comprehensive repair tool kit.

2. COMPATIBILITY

This ITMBET replacement battery is specifically designed for the Samsung Galaxy S21 Ultra. It is compatible with the following models:

- Samsung Galaxy S21 Ultra 5G (SM-G998B/DS)
- Samsung Galaxy S21 Ultra 5G (SM-G998U)
- Battery Model: EB-BG998ABY

3. IMPORTANT SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to your device or personal injury:

- **Do not disassemble, crush, puncture, heat, burn, or reuse** the battery.
- Avoid exposing the battery to extreme temperatures (above 60°C/140°F or below -10°C/14°F).
- Keep the battery away from water or other liquids.
- If the battery appears damaged, swollen, or leaks, discontinue use immediately and dispose of it properly.
- Only use the provided tools or appropriate non-conductive tools for installation.
- Battery replacement should be performed in a well-lit, clean, and static-free environment.
- Dispose of old batteries according to local regulations.

4. INSTALLATION GUIDE

Replacing a smartphone battery requires careful attention. If you are not confident in your ability to perform this repair, it is recommended to seek professional assistance.

4.1. Tools Required

- Included Repair Tool Kit (screwdrivers, prying tools, suction cup, adhesive strips)
- Heat gun or hairdryer (for softening adhesive)
- Isopropyl alcohol (90% or higher) and lint-free cloth (for cleaning adhesive residue)

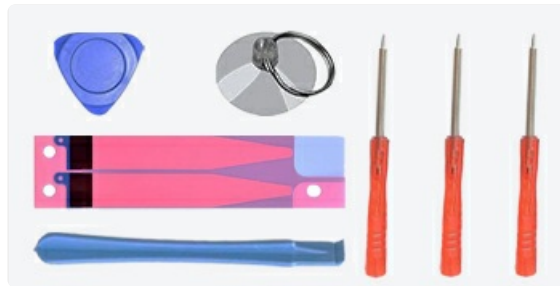


Image 4.1: The repair tool kit provided with your ITMBET battery.

4.2. Preparation

1. **Backup your data:** Before starting, ensure all important data on your phone is backed up.
2. **Discharge battery:** Fully discharge your phone's battery below 25% to reduce the risk of thermal events during removal.
3. **Power off:** Completely power off your Samsung Galaxy S21 Ultra.
4. **Gather tools:** Lay out all necessary tools in an organized manner.

4.3. Step-by-Step Installation

Note: This is a general guide. Specific steps may vary slightly. Refer to online video tutorials for your exact phone model for visual guidance.

1. **Remove SIM Tray:** Use a SIM ejector tool to remove the SIM card tray.
2. **Heat the Back Cover:** Apply heat evenly to the edges of the phone's back cover using a heat gun or hairdryer for 1-2 minutes to soften the adhesive.
3. **Pry Open Back Cover:** Attach the suction cup to the bottom edge of the back cover. Gently pull up while inserting a thin prying tool (e.g., plastic pick) into the gap. Carefully work around the edges to separate the back cover from the frame. Be cautious of internal cables.
4. **Disconnect Flex Cables:** Once the back cover is removed, locate and carefully disconnect any flex cables connecting it to the main board (e.g., fingerprint sensor cable).
5. **Remove Midframe Screws:** Unscrew all screws securing the midframe (usually around the perimeter and near the wireless charging coil).
6. **Remove Midframe:** Carefully pry off the midframe, which often contains the wireless charging coil.
7. **Disconnect Old Battery:** Locate the battery connector on the motherboard and gently disconnect it using a plastic prying tool.
8. **Remove Old Battery:** The old battery is typically secured with strong adhesive. Apply heat to the screen side of the phone in the battery area to soften the adhesive. Use a plastic prying tool to carefully lift the old battery. Avoid bending or puncturing the old battery.
9. **Clean Adhesive:** Remove any remaining old adhesive from the phone frame using isopropyl alcohol and a

lint-free cloth.

- 10. Install New Battery:** Apply the new adhesive strips provided in the kit to the phone frame where the battery sits. Carefully place the new ITMBET battery into position, ensuring it aligns correctly.
- 11. Connect New Battery:** Reconnect the new battery's flex cable to the motherboard.
- 12. Reassemble:** Reverse the disassembly steps: reattach the midframe, secure it with screws, reconnect any flex cables to the back cover, and carefully reattach the back cover. Apply new adhesive if necessary for a secure seal.
- 13. Test:** Power on your phone and test its functionality.



Image 4.2: The ITMBET battery designed for the Samsung Galaxy S21 Ultra.

5. OPERATING INSTRUCTIONS: FIRST USE AND CHARGING

After successful installation, follow these steps for optimal initial battery performance:

- 1. Initial Charge:** Fully charge the new battery to 100% without interruption.
- 2. First Cycles:** For the first 3-5 charge cycles, allow the battery to discharge below 10% before fully recharging it. This helps calibrate the battery and optimize its performance.

Battery Performance:

The ITMBET 6000mAh battery is designed to provide enhanced capacity and longevity. It features:

- Up to 1000+ charge cycles.
- Advanced IC chip technology for efficient charging and power conversion.
- Designed for all-day power demands.

New Battery

Brand new battery provide you over charging and discharging cycles with a high-speed and efficient charge



Up To
1000
Cycle

Brand New
0
Cycle

Image 5.1: The ITMBET battery offers up to 1000 charge cycles and is brand new with 0 cycles.

Upgrade High Capacity

Higher Than the Original Battery

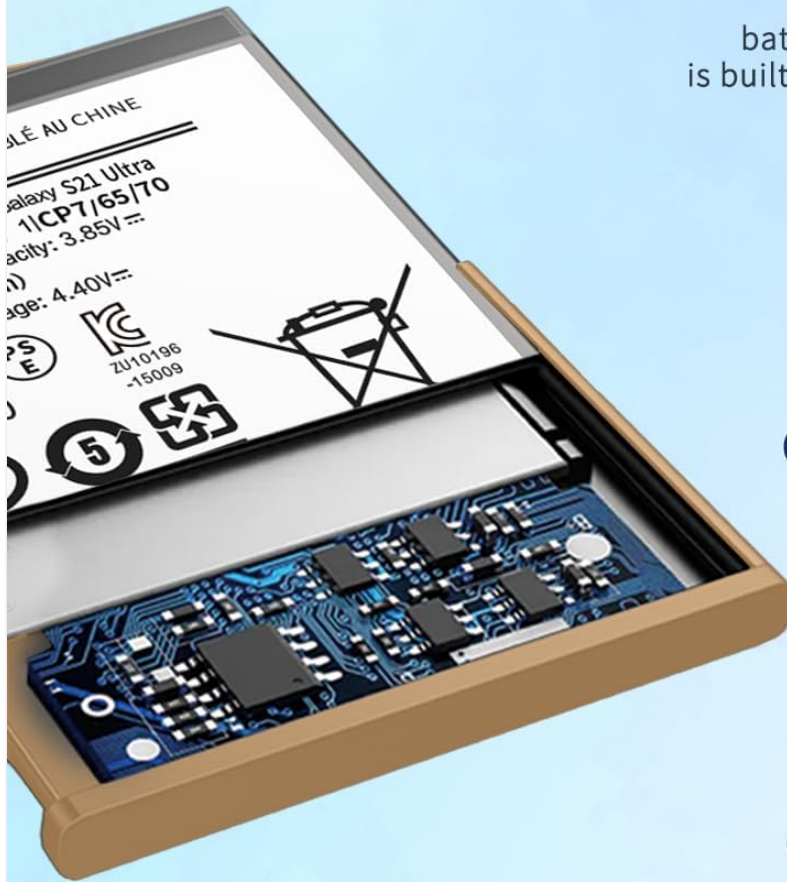
6000mAh



Image 5.2: The ITMBET battery provides an upgraded capacity of 6000mAh.

Upgraded IC Chip Technology

battery for Galaxy 21 Ultra
is built in high quality IC chip.



Conversion rate



Charging speed

Image 5.3: The battery incorporates upgraded IC chip technology for efficient performance.

Meeting your all-day power demand

Enjoying your **Galaxy S21 Ultra** all day long



Image 5.4: The ITMBET battery is designed to meet your all-day power demands.

6. BATTERY CARE AND MAINTENANCE

To maximize the lifespan and performance of your ITMBET battery, consider the following:

- **Avoid Extreme Temperatures:** Do not expose your phone to very hot or very cold environments, as this can degrade battery health.
- **Optimal Charging:** While full discharge/recharge cycles are good for calibration, for daily use, try to keep the battery charge between 20% and 80%.
- **Use Quality Chargers:** Always use the original charger or a certified high-quality charger and cable.
- **Avoid Overcharging:** Modern batteries have protection circuits, but prolonged overcharging can still contribute to degradation over time.
- **Regular Use:** Use your phone regularly. Leaving a Li-ion battery fully charged or fully discharged for extended periods can reduce its lifespan.

More Efficient and More Security

Dual IC design ensures that your battery won't fail under any circumstances and provides multiple protection.



Image 6.1: The battery features a dual IC design for enhanced efficiency and security.

7. TROUBLESHOOTING

If you encounter issues after battery replacement, refer to the table below:

Issue	Possible Cause	Solution
Phone does not power on after installation.	Battery connector not properly seated; battery completely discharged.	Ensure battery connector is firmly attached. Connect charger and allow to charge for at least 30 minutes before attempting to power on.
Battery drains quickly.	New battery not calibrated; background apps consuming power; faulty installation.	Complete 3-5 full charge/discharge cycles. Check app usage in phone settings. Re-check battery connection.
Phone shows incorrect battery percentage.	Battery calibration issue.	Perform 3-5 full charge/discharge cycles to allow the phone to recalibrate.

Issue	Possible Cause	Solution
Phone overheats.	Intensive usage; faulty battery; improper installation.	Reduce intensive tasks. If overheating persists or is severe, power off the phone immediately and contact customer support.

8. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	ITMBET
Model Number	For S21U (EB-BG998ABY)
Compatibility	Samsung Galaxy S21 Ultra 5G (SM-G998B/DS, SM-G998U)
Battery Capacity	6000mAh (23.10Wh)
Rated Voltage	3.85V
Limited Charge Voltage	4.40V
Battery Cell Composition	Lithium-ion (Li-ion)
Certifications	CE, ROHS

9. WARRANTY AND CUSTOMER SUPPORT

ITMBET provides a worry-free warranty for this product. If you encounter any issues or are not satisfied with your purchase, please contact our customer service team.

Contacting Customer Service:

For support, please use the "Contact Seller" feature on the platform where you purchased the product. Our team aims to respond within 24 hours to assist you with any questions or concerns.