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DGFTB A1725

DGFTB A1725 Tablet Battery Instruction Manual

For iPad mini 5 (Models A2114, A2124, A2125, A2126, A2133, MUQX2LL/A)

1. Introduction

This manual provides essential information for the safe and effective use of your DGFTB A1725 replacement battery. This battery is designed for the iPad mini 5 series, compatible with models A2114, A2124, A2125, A2126, A2133, and MUQX2LL/A. Please read these instructions carefully before installation and use.



Image: Front view of the DGFTB A1725 tablet battery, showing its compact design.

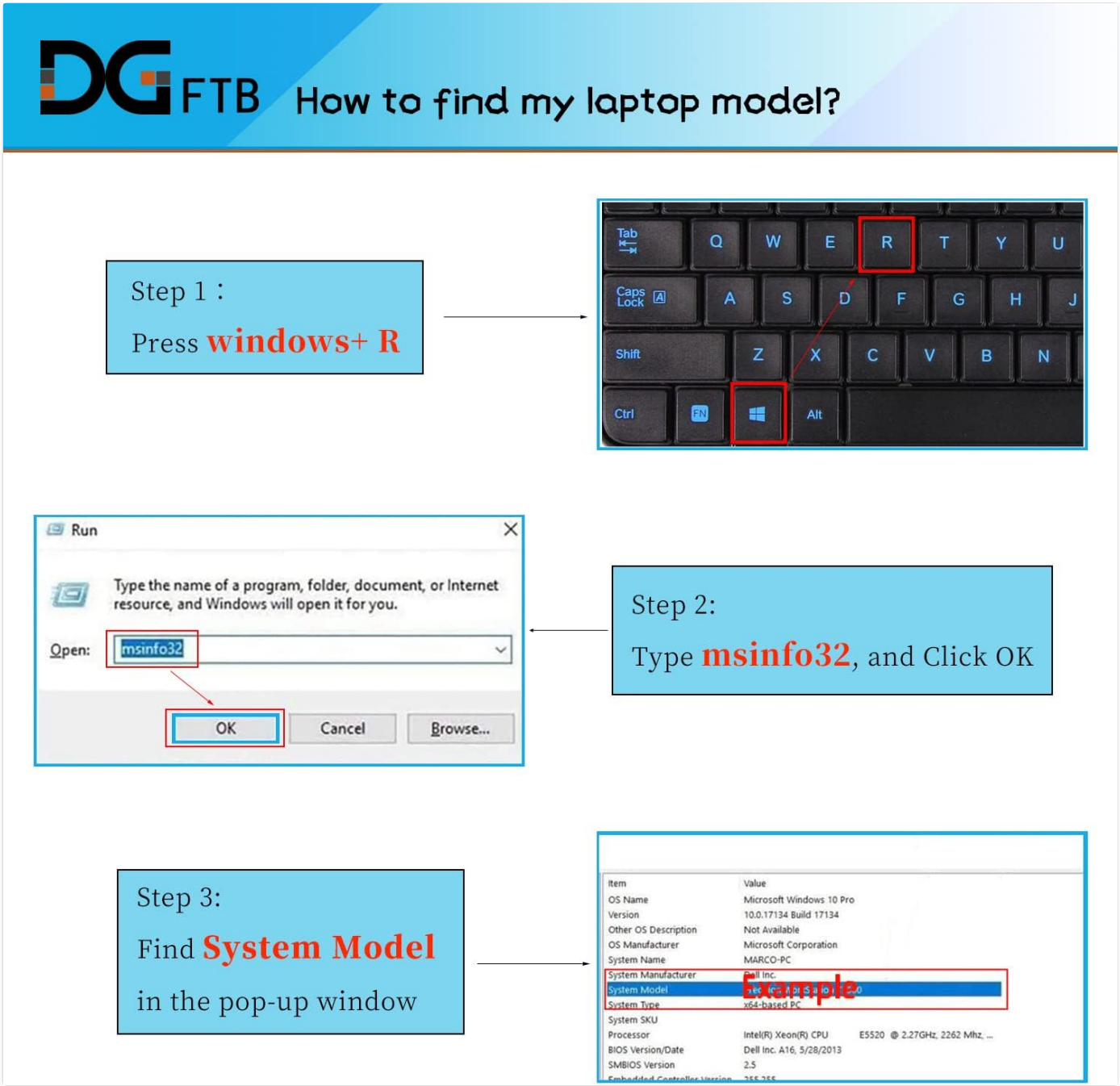


Image: Back view of the DGFTB A1725 tablet battery, displaying regulatory markings.

2. Important Safety Information

Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the product or device.

- **Potential for Fire or Burning:** Do not disassemble, puncture, crush, heat, or burn the battery.
- **Water Exposure:** Do not use the battery if it has been submerged in water or exposed to excessive moisture.
- **Temperature:** Avoid exposing the battery to extreme temperatures (above 60°C / 140°F or below -10°C / 14°F).
- **Internal Protection:** The battery features built-in circuit protection against overcharging, short-circuiting, overheating, and over-voltage. However, proper handling is still crucial.
- **Children:** Keep the battery out of reach of children.
- **Disposal:** Dispose of used batteries according to local regulations. Do not dispose of in household waste.



Image: Safety information highlighting risks and precautions for battery handling.

3. Package Contents

Verify that all items are present in your package:

- DGFTB A1725 Tablet Battery
- Installation Tool Kit (may vary)



Image: The DGFTB A1725 battery shown alongside a set of basic installation tools.

4. Installation Guide

Replacing a tablet battery requires technical skill and specialized tools. The iPad mini 5 screen is secured with strong adhesive that requires heat to soften for safe removal. Attempting this repair without proper knowledge and equipment can lead to damage to your device, including cracking the screen or damaging internal components. It is highly recommended to seek professional assistance for battery replacement.

If you choose to proceed, please consult detailed video tutorials specific to the iPad mini 5 battery replacement before starting. The following are general steps:

1. **Power Off Device:** Ensure your iPad mini 5 is completely powered off before beginning any disassembly.
2. **Screen Removal:** Carefully heat the edges of the iPad mini 5 screen to soften the adhesive. Use appropriate tools (suction cup, prying tools) to gently separate the screen from the device body. Be extremely cautious to avoid damaging the display cables.
3. **Disconnect Old Battery:** Once the screen is safely opened, locate the battery connector on the logic board. Use a non-conductive tool to carefully disconnect the old battery.

4. **Remove Old Battery:** The old battery is typically secured with adhesive. Gently pry it out, being careful not to bend or puncture the battery.
5. **Connect New Battery:** Align the connector of the new DGFTB A1725 battery with the port on the logic board and press firmly until it clicks into place. Ensure the interface is fully connected.
6. **Test Functionality:** Before fully reassembling, temporarily connect the screen and attempt to power on the device to ensure the new battery is recognized and functioning.
7. **Reassemble Device:** Carefully re-secure the screen, ensuring all cables are properly connected and the adhesive seals correctly.

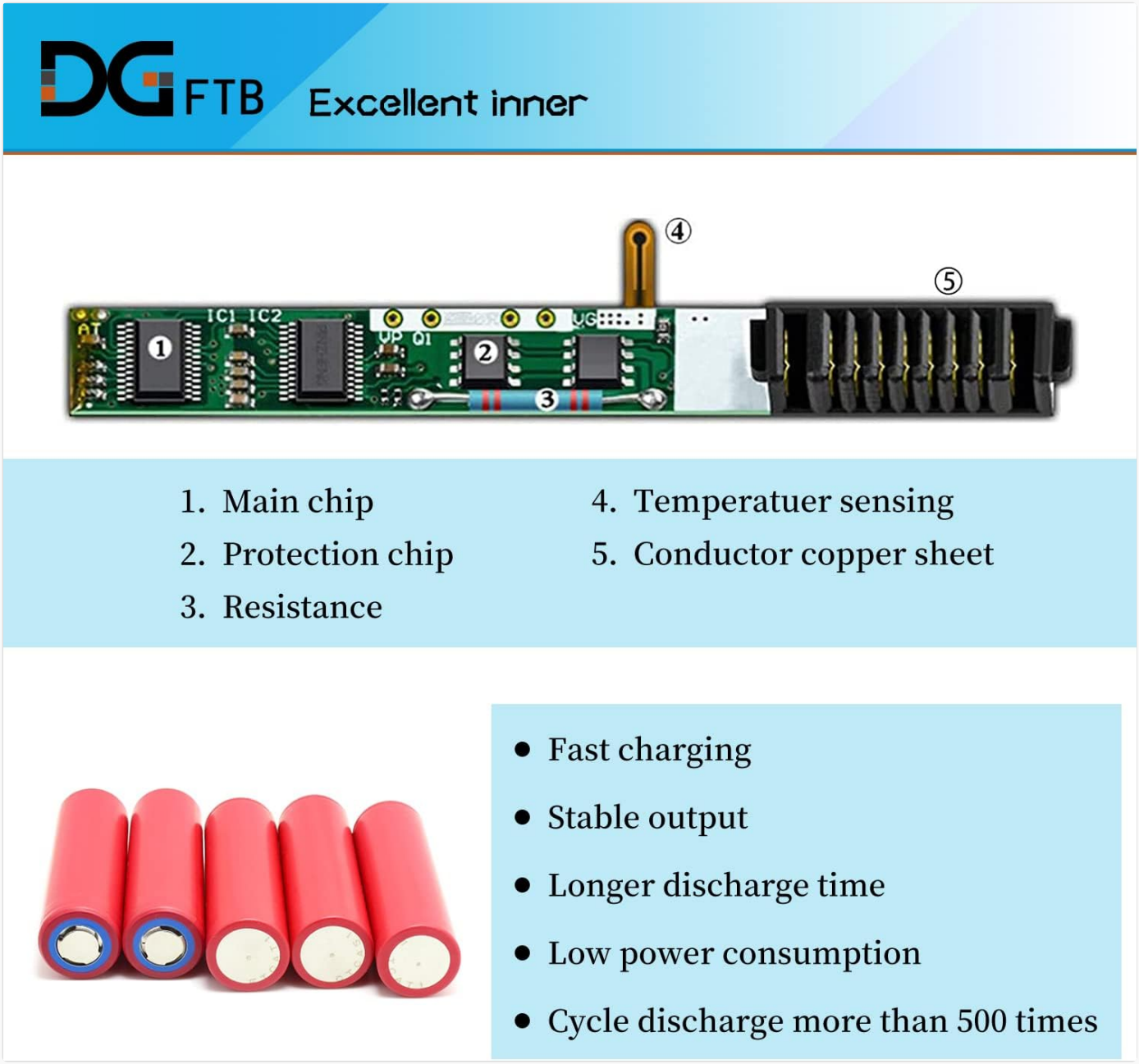


Image: A close-up view of the gold-plated connector on the DGFTB A1725 battery, designed for stable output.

5. Initial Use and Charging

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

1. **Initial Cycle:** For the initial installation, ensure the battery interface is fully connected.
2. **Discharge and Charge:** Discharge the battery to approximately 5% (do not let it drain completely to 0%). Then,

charge it to 95%.

3. **Repeat Cycles:** Repeat this discharge-to-5% and charge-to-95% cycle 3-4 times. This process helps calibrate the battery and optimize its performance.

6. Battery Maintenance

To prolong the life and maintain the performance of your DGFTB A1725 battery:

- **Avoid Extreme Temperatures:** Do not expose the device to very hot or very cold environments.
- **Optimal Charging:** Avoid frequently discharging the battery completely to 0%. It is best to keep the charge between 20% and 80% for daily use.
- **Storage:** If storing the device for an extended period, charge the battery to about 50% before storage.
- **Regular Use:** Use your device regularly to keep the battery active.



Image: Diagram highlighting key battery features such as fast charging, stable output, and extended discharge time, contributing to a better user experience.

7. Troubleshooting

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

- **Device Not Powering On:** Recheck all internal connections, especially the battery connector. Ensure it is securely seated.
- **Battery Not Charging:** Verify that the charging cable and adapter are functional. Ensure the battery connector is properly installed. Perform the initial charge cycles as described in Section 5.
- **Short Battery Life:** Allow 3-4 full charge/discharge cycles for the battery to calibrate. Check for background applications consuming excessive power.
- **Installation Difficulty:** As noted in Section 4, iPad mini 5 battery replacement is complex. If you are struggling with disassembly or reassembly, it is strongly advised to consult a professional repair service.

8. Product Specifications

Battery Type	Lithium Ion
Model Number	A1725
Voltage	3.82V
Capacity	17.27Wh / 4520mAh
Compatible iPad Models	iPad mini 5 (A2114, A2124, A2125, A2126, A2133, MUQX2LL/A)
Reusability	Rechargeable
Manufacturer	Foshan Eurasia Energy Technology Co., Ltd.



Image: Diagram illustrating the internal components of the battery, including the main chip, protection chip, resistance, temperature sensing, and conductor copper sheet, indicating quality design.

9. Warranty and Customer Support

Warranty: This DGFTB battery comes with a 1-year warranty from the date of purchase, covering manufacturing defects.
Customer Support: For any questions, concerns, or assistance with your DGFTB A1725 battery, please contact our customer service team. We offer 24/7 customer support to ensure your satisfaction.
Please refer to your purchase documentation or the retailer's website for specific contact details.

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