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> [Futurebatt A2113 Laptop Battery User Manual](#)

Futurebatt A2113

Futurebatt A2113 Laptop Battery User Manual

Model: A2113

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Futurebatt A2113 laptop battery. Designed for compatibility with specific MacBook Pro 16-inch models, this high-performance battery ensures reliable power and extended usage for your device. Please read this manual carefully before installation and use to ensure optimal performance and safety.

PRODUCT SPECIFICATIONS

| Feature | Specification |
|--------------------------|--|
| Model | A2113 |
| Voltage | 11.36V |
| Capacity | 99.8Wh (8700mAh) |
| Battery Type | Lithium Polymer (Li-ion) |
| Number of Cells | 6 |
| Reusability | Rechargeable |
| Estimated Discharge Time | 1.5 - 3.5 hours (depending on usage) |
| Dimensions | 15 x 6.14 x 0.94 inches (approx. 38.1 x 15.6 x 2.4 cm) |
| Item Weight | 1.3 pounds (approx. 0.59 kg) |

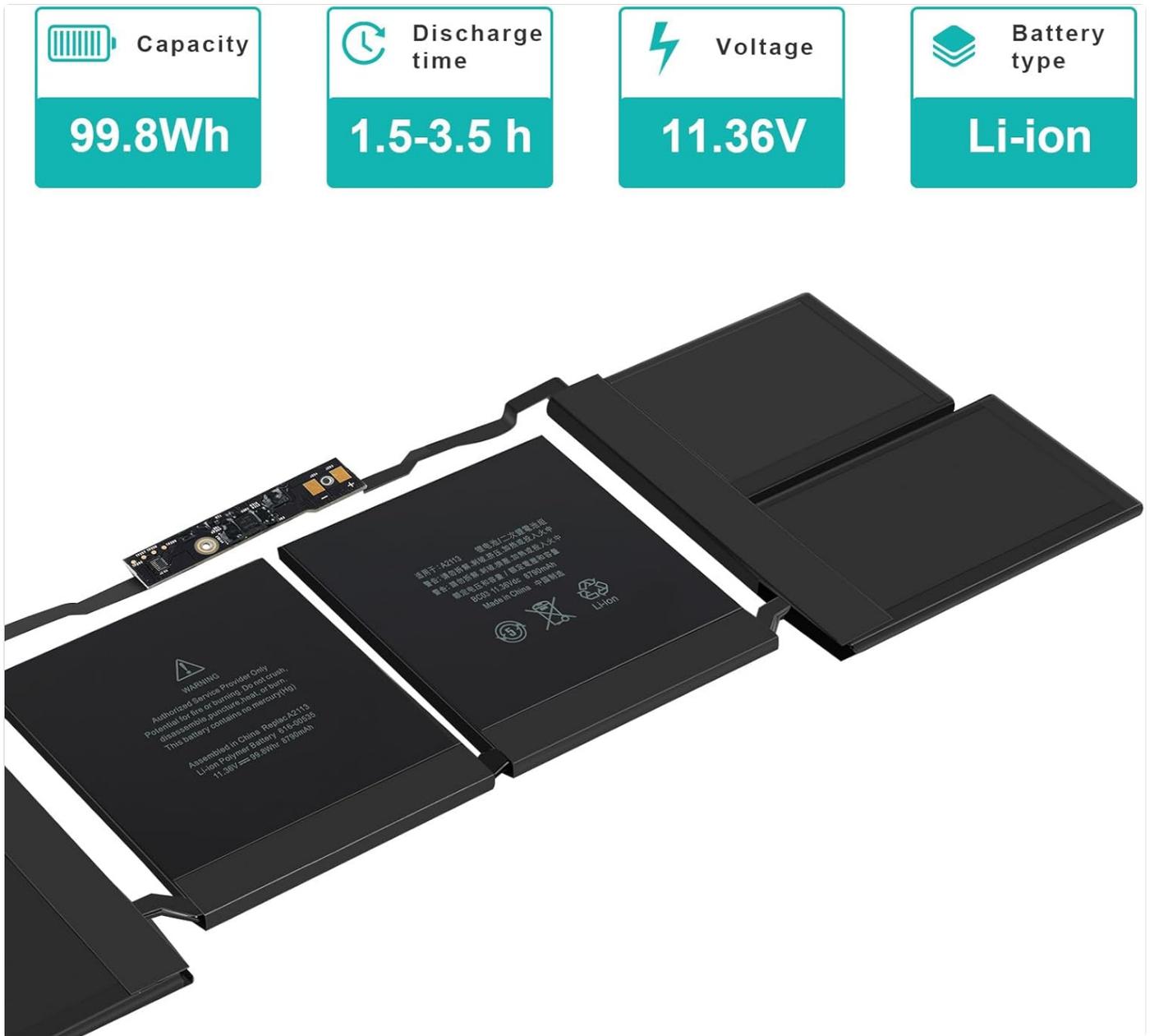


Image: Visual representation of the battery's key specifications: 99.8Wh capacity, 1.5-3.5 hours discharge time, 11.36V voltage, and Li-ion battery type.

Give your computer a new look

| | | | |
|---------------|---------------|---------------|-----------------|
| Capacity | Voltage | Battery Type | Number of Cells |
| 99.8Wh | 11.36V | Li-ion | 6 |



Safe



Durable



Stable



Portable



Model A2113

Image: Overview of battery features including 99.8Wh capacity, 11.36V voltage, Li-ion battery type, 6 cells, and attributes like safety, durability, stability, and portability.

PRODUCT SIZE

There is a slight error in manual measurement, please refer to the actual product

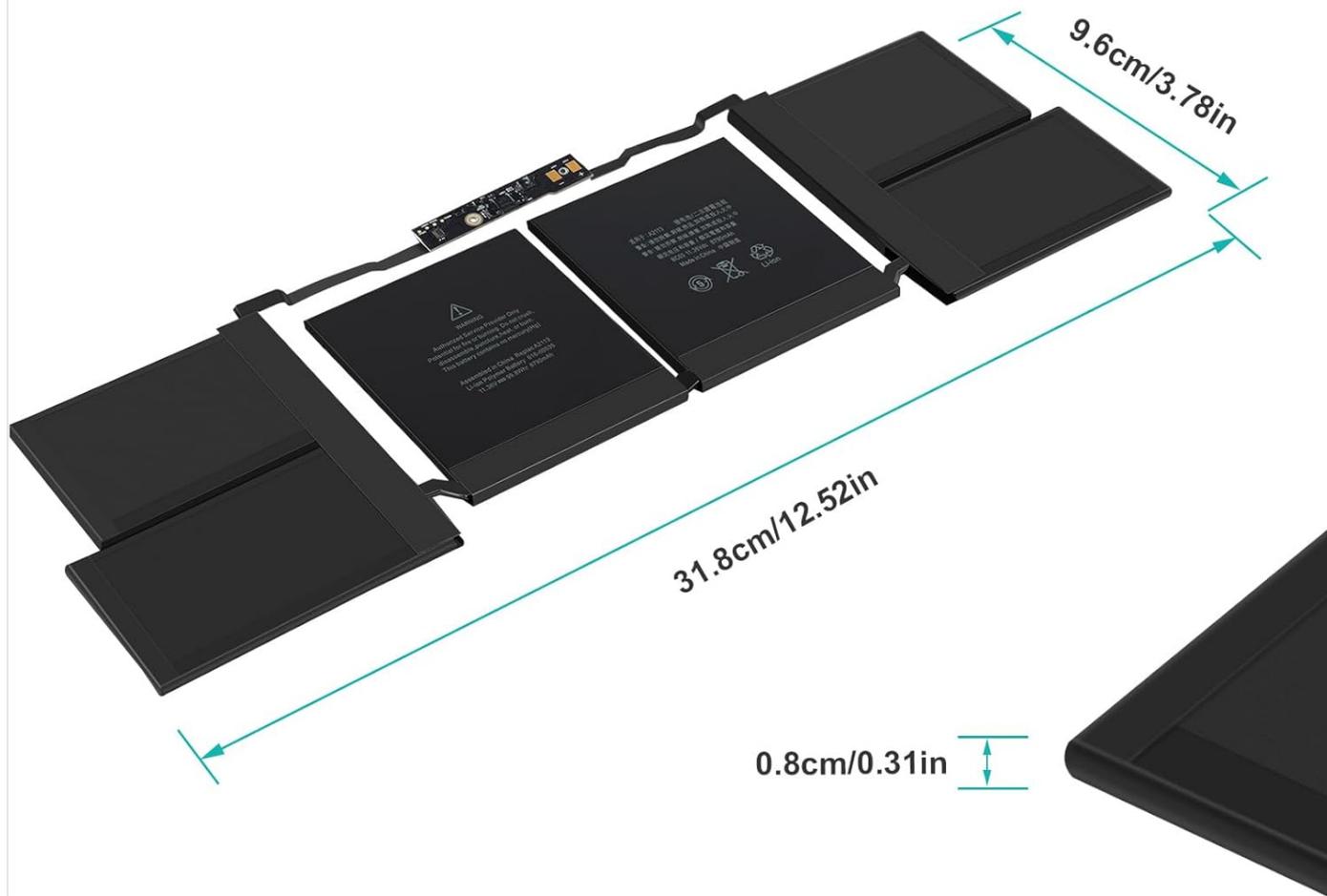


Image: Detailed product size diagram indicating the length (31.8cm/12.52in), width (9.6cm/3.78in), and thickness (0.8cm/0.31in) of the battery.

COMPATIBILITY

Compatible Part Numbers:

- A2141
- A2113
- 610-00533
- EMC 3347
- MacBookPro16,1
- MacBookPro16,4

Compatible Laptop Models:

- MacBook Pro 16-inch A2141 (Release 2020, 2019)
- MVVJ2xx/A
- MVVK2xx/A
- MVVL2xx/A
- MVVM2xx/A



Compatible Part Numbers

A2113, 610-00533

Compatible Models

MacBook Pro 16-inch A2141 2019 2020 EMC 3347 MacBookPro16,4 Series

MacBook Pro 16-inch A2141 2019 2020 EMC 3347 MacBookPro16,1 Series

Image: A list detailing the compatible part numbers (A2113, 610-00533) and compatible MacBook Pro 16-inch models (A2141, Release 2019 2020, EMC 3347, MacBookPro16,1, MacBookPro16,4 series).

SETUP AND INSTALLATION

Replacing a laptop battery requires careful handling and appropriate tools. It is recommended to consult a professional or refer to detailed online guides specific to your MacBook Pro model for step-by-step instructions. Ensure your laptop is powered off and disconnected from any power source before beginning the installation process.

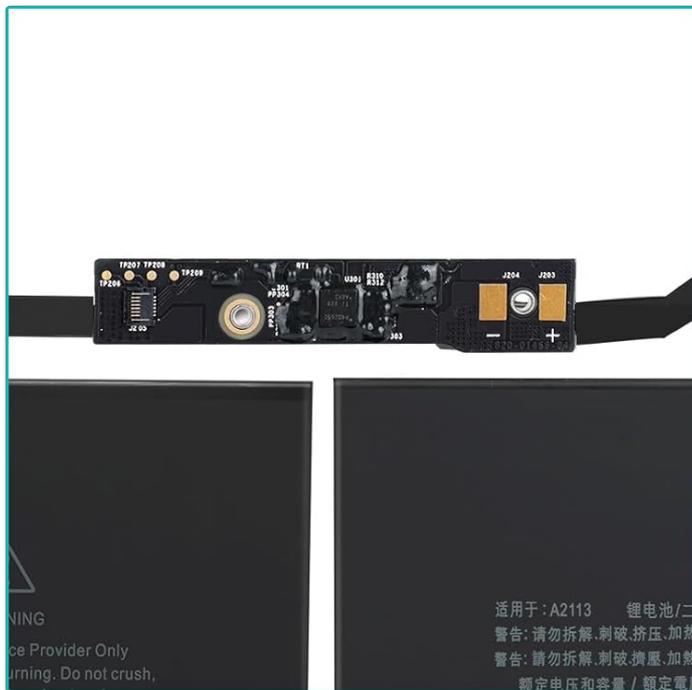
General Steps (Consult specific guides for your model):

1. **Power Off and Disconnect:** Shut down your MacBook Pro completely and disconnect the power adapter.
2. **Discharge Static Electricity:** Touch a grounded metal object to discharge any static electricity from your body.
3. **Open the Back Cover:** Carefully remove the screws securing the back cover of your MacBook Pro. Use appropriate screwdrivers (often P5 Pentalobe and T5 Torx).
4. **Disconnect Old Battery:** Locate the battery connector on the logic board and carefully disconnect it.
5. **Remove Old Battery:** Remove any screws or adhesive holding the old battery in place.
6. **Install New Battery:** Place the new Futurebatt A2113 battery into the battery compartment, ensuring it aligns correctly. Secure it with any necessary screws or adhesive.

7. **Connect New Battery:** Carefully connect the new battery's cable to the logic board.
8. **Reassemble:** Replace the back cover and secure it with the screws.
9. **Initial Charge:** Connect your MacBook Pro to the power adapter and allow the battery to fully charge before first use.

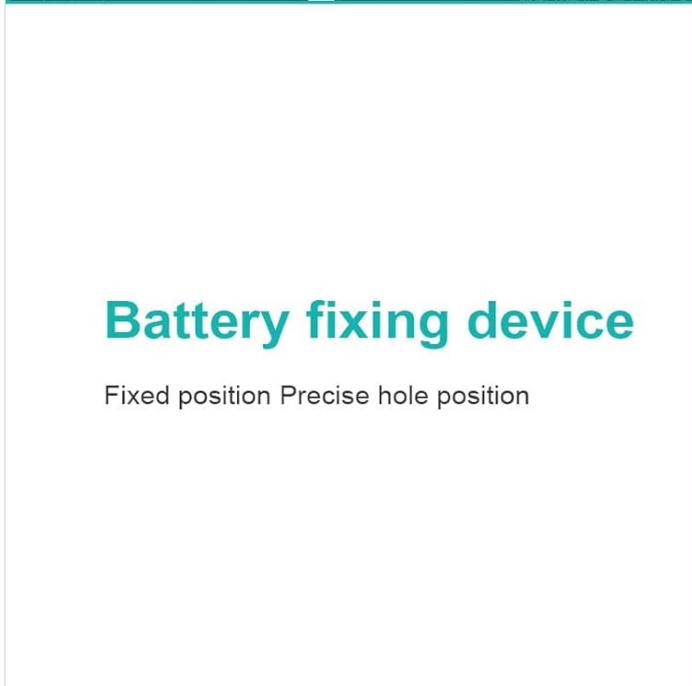


Image: The Futurebatt A2113 replacement battery kit, including the battery unit and a set of screwdrivers for installation.



Power interface

The laptop and battery interface closely fit, work more stable and efficient



Battery fixing device

Fixed position Precise hole position

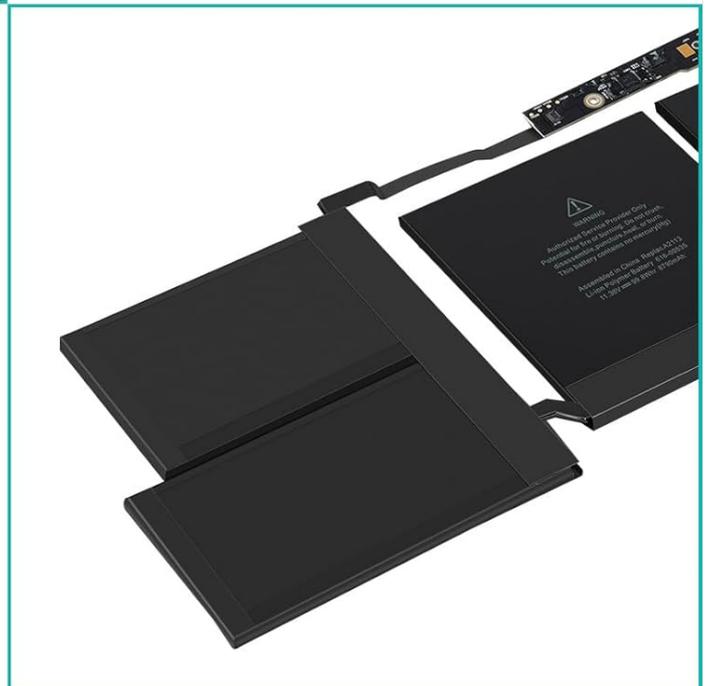


Image: Details of the battery's power interface, designed for a close and stable fit with the laptop, and an illustration of the battery fixing device ensuring precise hole alignment.

OPERATING GUIDELINES

Once installed, your Futurebatt A2113 battery operates seamlessly with your MacBook Pro. For optimal performance and longevity, consider the following:

- **First Use:** Fully charge the battery before its first use.
- **Regular Use:** Use your laptop on battery power regularly to keep the battery cells active.
- **Avoid Full Discharge:** Do not allow the battery to completely discharge to 0%. Lithium-ion batteries perform best when kept between 20% and 80% charge.
- **Temperature:** Operate your laptop in moderate temperatures. Extreme heat or cold can degrade battery life.

Our engineering team continuously optimizes chip algorithms and power management systems to enhance compatibility and charging efficiency, meeting users' diverse needs.

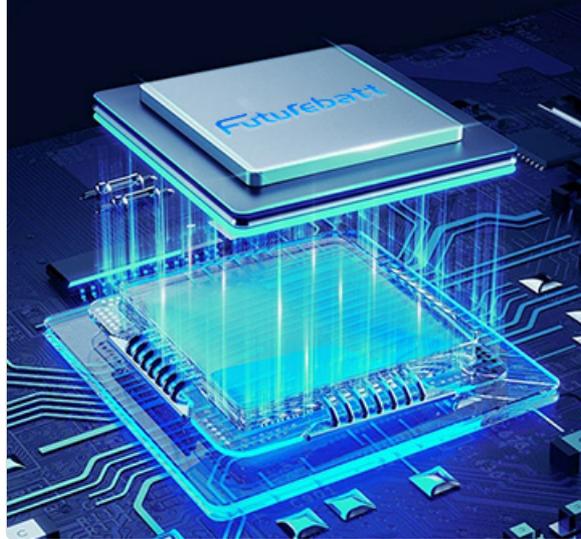


Image: A person using a laptop, representing the everyday operation of the device with the new battery.

BATTERY MAINTENANCE

Proper maintenance can significantly extend the lifespan of your Futurebatt A2113 battery.

- **Avoid Deep Discharges:** As mentioned, avoid letting the battery drain to 0%. Keep at least 10% remaining, with 20% being ideal before recharging.
- **Storage:** If storing the laptop or battery for extended periods, ensure the battery is charged to approximately 50%. Store in a cool, dry environment.
- **Calibration (Optional):** Periodically, you may perform a battery calibration by fully charging, then fully discharging, and then fully recharging the battery. This helps the battery management system accurately estimate remaining charge.

BATTERY MAINTENANCE

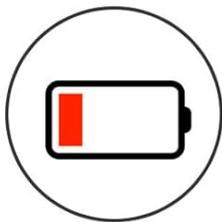


WE ACCEPT PAYMENT

Via PayPal, Visa, Mastercard, Apple Pay, Google Pay etc.



Money Return



DON'T DISCHARGE TO 0%

Since the battery is a Li-Ion battery, a full discharge to 0% may damage the battery or reduce battery life. Keep at least 10% remaining, 20% is the best option and then recharge



Warranty



STORE CORRECTLY

When the laptop is not in use for extended periods of time, keep the battery at around 50% and store in a cool environment



24*7 Dispatch

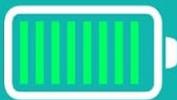


Image: Battery maintenance guidelines, emphasizing not to discharge to 0% (keep at least 10-20% charge) and to store the battery at around 50% charge in a cool environment when not in use for extended periods.

SAFETY INFORMATION

Your Futurebatt A2113 battery is equipped with multiple safety protection systems. However, it is crucial to follow these safety guidelines:

- Do not disassemble, puncture, or modify the battery.
- Avoid exposing the battery to extreme temperatures, direct sunlight, or fire.
- Do not short-circuit the battery terminals.
- 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.
- Dispose of old batteries according to local regulations for electronic waste.

Integrated Safety Protections:

- Short-circuit protection
- Over-heating protection
- Over-charge protection
- Over-voltage protection
- Over-power protection
- Electromagnetic safety
- Anti-static effect
- Over-discharge protection



Image: Visual representation of the comprehensive safety features built into the battery, ensuring protection against various electrical and thermal issues.



Image: An illustration emphasizing the advanced chip technology and multiple protection features of the A2113 battery, including antistatic impact, temperature anomaly, short circuit, chip monitoring, power, voltage, overpower, discharge, overcurrent, electromagnetic safety, charge time, and reserve protection.

TROUBLESHOOTING

If you encounter issues with your Futurebatt A2113 battery, try the following solutions:

| Problem | Possible Cause | Solution |
|--------------------------------|---|---|
| Battery not charging | Loose connection, faulty adapter, software issue, or battery defect. | <p>Ensure battery connector is securely seated.</p> <p>Test with a different power adapter.</p> <p>Reset SMC (System Management Controller) on your MacBook Pro.</p> <p>Contact customer support if issues persist.</p> |
| Short battery life | High power consumption, background apps, screen brightness, or battery degradation. | <p>Close unnecessary applications.</p> <p>Reduce screen brightness.</p> <p>Check Activity Monitor for power-hungry processes.</p> <p>Ensure proper battery maintenance (avoid deep discharges).</p> |
| Laptop not recognizing battery | Improper installation, software glitch, or faulty battery. | <p>Re-check battery connection.</p> <p>Reset SMC.</p> <p>Ensure the battery model is correct for your laptop.</p> |

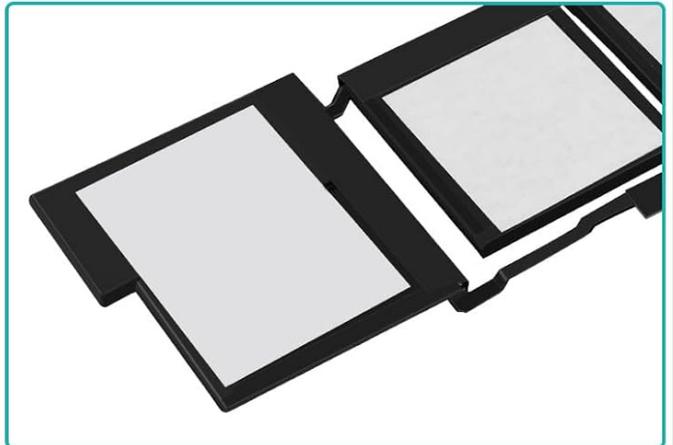
WARRANTY AND SUPPORT

Futurebatt stands behind the quality of its products. Your A2113 battery is supported by:

- **30-Day Refund Policy:** If you are not satisfied with your purchase within 30 days, you may be eligible for a refund.
- **12-Month Replacement Warranty:** The battery is covered by a 12-month warranty for manufacturing defects.
- **24/7 Email Support:** For any questions or assistance, please contact Futurebatt customer service via email.

For warranty claims or technical support, please refer to the contact information provided with your purchase or visit the official Futurebatt website.

PACKAGING AND SHIPPING



**LONG LIFE AND
STABLE CAPACITY**



**DURABLE & HIGHER
BUILD QUALITY**

Image: Packaging details, emphasizing the eco-friendly decomposable carton and blister card box, along with product benefits like long life, stable capacity, durability, and high build quality.

