

NV-3178185-2S

Generic Replacement Battery User Manual

Model: NV-3178185-2S

Compatible with: Digma EVE 15 P417 ES5063EW, P418 ES5064EW Tablet PC

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Generic NV-3178185-2S replacement battery. It covers compatibility, installation guidelines, operational procedures, maintenance tips, troubleshooting, and product specifications. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

2. SAFETY INFORMATION

Lithium-ion batteries require careful handling. Adhere to the following safety precautions to prevent damage, injury, or fire:

- Do not disassemble, open, or attempt to repair the battery. Unauthorized modifications can lead to hazards.
- Avoid squeezing, impacting, puncturing, or short-circuiting the battery. Keep it away from water and fire.
- Do not expose the battery to temperatures exceeding 60°C (140°F). High temperatures can cause the battery to overheat, swell, or ignite.
- Store the battery within a temperature range of 0°C to 60°C (32°F to 140°F).
- Use only chargers specifically designed and compatible with Lithium-ion batteries of these specifications. Using an incompatible charger may damage the battery or pose a fire risk.
- If the battery shows signs of swelling, leakage, or damage, discontinue use immediately and dispose of it properly.
- Keep the battery out of reach of children and pets.

For disposal, always refer to local ordinances and regulations concerning battery recycling and disposal.

3. COMPATIBILITY AND IDENTIFICATION

This replacement battery is designed for specific tablet models and part numbers. Before installation, verify that your device's original battery matches the specifications and physical characteristics of this replacement.

- **Compatible Part Numbers:** 34160201P, NV-3178185-2S
- **Compatible Tablet Models:** Digma EVE 15 P417 ES5063EW, Digma EVE 15 P418 ES5064EW Tablet PC

Ensure the connector type (10-Pin 7-Line) and physical dimensions are identical to your original battery. Refer to

the image below for visual guidance on identifying the correct battery type.



Image 1: Battery Compatibility Guide. This image illustrates the difference between an incorrect battery (left, marked 'No') and the correct replacement battery (right, marked 'Yes'). Pay close attention to the model number and connector configuration to ensure proper fit and function.

4. SETUP AND INSTALLATION

Battery replacement in tablet PCs can be complex and may require specialized tools. It is highly recommended that installation be performed by a qualified technician to avoid damage to your device or the new battery. If you choose to proceed with self-installation, do so with extreme caution.

General Installation Steps (Consult your device's service manual for specific instructions):

1. **Power Off Device:** Completely power down your tablet and disconnect it from any power source.
2. **Discharge Static Electricity:** Ground yourself to prevent electrostatic discharge, which can damage electronic components.
3. **Open Tablet Casing:** Carefully open the tablet's back casing using appropriate tools. Be mindful of delicate internal components and ribbon cables.
4. **Disconnect Old Battery:** Locate the existing battery and gently disconnect its connector from the motherboard. Do not pull on the wires.
5. **Remove Old Battery:** Carefully detach the old battery. It may be secured with adhesive or screws.
6. **Install New Battery:** Position the new NV-3178185-2S battery in the battery compartment. Ensure the 10-Pin 7-Line connector aligns correctly with the motherboard socket. Gently press the connector into place.
7. **Secure Battery:** If applicable, secure the new battery with any original screws or adhesive.
8. **Reassemble Device:** Carefully reassemble the tablet casing, ensuring all clips and screws are properly secured.
9. **Initial Charge:** After reassembly, connect the tablet to its charger and allow it to charge fully before first use.



Image 2: Front view of the replacement battery. This image displays the front side of the NV-3178185-2S battery, showing its label with model name, voltage, capacity, and the 10-pin 7-line connector.

5. OPERATING INSTRUCTIONS

Once installed, the battery operates like the original. Follow these guidelines for optimal performance:

- **First Use:** For the first use, fully charge the battery to 100% before disconnecting.
- **Charging Cycles:** Lithium-ion batteries do not suffer from a "memory effect." You can charge them at any time, regardless of their current charge level.

- **Avoid Deep Discharge:** While not strictly necessary, avoiding frequent deep discharges (letting the battery run to 0%) can prolong its overall lifespan.
- **Optimal Charging:** Use the tablet's original or a certified compatible charger.

6. MAINTENANCE

Proper maintenance can extend the life of your battery:

- **Temperature Control:** Avoid exposing your tablet to extreme temperatures (very hot or very cold) for extended periods, as this can degrade battery performance and lifespan.
- **Storage:** If storing the tablet or battery for an extended period, ensure the battery is charged to approximately 50-60%. Store in a cool, dry place.
- **Cleaning:** Keep the battery and tablet's charging port free of dust and debris.



Image 3: Back view of the replacement battery. This image shows the reverse side of the NV-3178185-2S battery, which is typically plain and without labels.

7. TROUBLESHOOTING

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

- **Battery Not Charging:**
 - Ensure the charger is properly connected and functional.
 - Verify the charger is compatible with your tablet and battery.

- Check the charging port for debris or damage.
- Restart the tablet.
- **Short Battery Life:**
 - Check background applications and power-hungry settings on your tablet.
 - Ensure the battery was fully charged after installation.
 - Verify the battery is correctly installed and making proper contact.
- **Battery Not Recognized:**
 - Ensure the battery connector is securely seated.
 - Restart the tablet.
 - Confirm the battery model is indeed compatible with your tablet.

If problems persist, consult a qualified technician or contact the seller for further assistance.

8. SPECIFICATIONS

Model Name	NV-3178185-2S
Compatible Part Number	34160201P, NV-3178185-2S
Compatible Tablet Models	Digma EVE 15 P417 ES5063EW, Digma EVE 15 P418 ES5064EW Tablet PC
Battery Type	Li-ion (Lithium Polymer)
Voltage	7.6V
Capacity	4500mAh / 34.2Wh
Connector Type	10-Pin 7-Line
Reusability	Rechargeable
Manufacturer	Shenzhen Wenxin Technology Co.,Ltd

9. DISPOSAL INFORMATION

This product contains a Lithium-ion battery and should not be disposed of with general household waste. Please follow your local regulations for the recycling of electronic waste and batteries. Many municipalities offer collection points for proper disposal. Improper disposal can harm the environment and human health.

Look for the crossed-out wheeled bin symbol on the product, which indicates that the product should not be disposed of in municipal waste.

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the terms provided by your original seller or retailer at the time of purchase. Keep your proof of purchase for any warranty claims. For technical assistance related to your tablet device, please contact the tablet manufacturer.

