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› **DONGERDI 135W AC Power Adapter User Manual for Acer Nitro V15, V14, V16, and Nitro 5 Gaming Laptops (Model DED190071M)**

DONGERDI DED190071M

DONGERDI 135W AC Power Adapter User Manual

Model: DED190071M

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your DONGERDI 135W AC Power Adapter, Model DED190071M. This adapter is designed to provide power to compatible Acer Nitro V15, V14, V16, ANV15, ANV14, ANV16, and Nitro 5 series gaming laptops requiring a 135W power supply.

2. SAFETY GUIDELINES

Please read and follow these safety instructions carefully to prevent damage to the product or injury to yourself.

- Use the adapter only with compatible devices as specified in this manual.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impact.
- Do not attempt to disassemble or modify the adapter.
- Ensure proper ventilation around the adapter during use to prevent overheating.
- Keep the adapter and cables away from pets and children.
- Unplug the adapter from the power outlet when not in use for extended periods.
- If the adapter or cable is damaged, discontinue use immediately and seek a replacement.

Multi-Security Protection



Figure 1: Multi-Security Protection Features

The adapter incorporates multiple safety features including short-circuit protection, over-current protection, and over-voltage protection to ensure safe operation.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 135W AC Power Adapter (Main Unit)
- Power Cord (for connecting to wall outlet)

In The Box



We will configure different specifications of power cords according to different countries.

Figure 2: Package Contents

The package includes the main adapter unit and the detachable power cord. The power cord specifications may vary by region.

4. PRODUCT OVERVIEW

The DONGERDI 135W AC Power Adapter consists of the main adapter brick, a detachable power cord, and an output cable with a 5.5x1.7mm purple tip connector.



Figure 3: DONGERDI 135W AC Power Adapter Components

This image displays the complete power adapter assembly, including the main unit, the AC input cable, and the DC output cable with its distinctive purple tip.

5.5*1.7mm Tip



Figure 4: Connector Tip and Power Rating

The adapter features a 5.5x1.7mm round purple tip, delivering 19V at 7.1A for a maximum output of 135W.

Adequate Extension Cords



Figure 5: Cable Lengths

The total cable length is approximately 10 feet, comprising a 4-foot power cord and a 6-foot charger cord, providing flexibility for placement.

5. INSTALLATION AND SETUP

Follow these steps to connect your power adapter to your laptop:

1. Connect the detachable power cord to the AC input port on the main adapter unit.
2. Plug the other end of the power cord into a standard wall outlet (100-240V AC).
3. Insert the purple-tipped DC connector firmly into the charging port of your compatible Acer laptop.
4. Ensure all connections are secure before operating your laptop.

6. OPERATION

Once connected, the adapter will automatically begin charging your laptop's battery and/or powering the laptop. The adapter is designed for continuous use with compatible devices.

- The adapter supports universal voltage input (100-240V, 50-60Hz), making it suitable for international travel with the appropriate power cord.

- Monitor your laptop's charging indicator to confirm proper power delivery.

7. COMPATIBILITY

This 135W power adapter with a 5.5x1.7mm purple tip is compatible with the following Acer laptop series and models:

- **Acer Nitro V15 Series:** ANV15-51 (e.g., ANV15-51-723D, 53CS, 789J, 77DQ, 717H, 99DR, 92XK, 532J, 57C8, 58A4, 54UL, 73B9, 75HE, 51H9, 57ZV, 59MT, 515P, 98N0), ANV15-41 (e.g., ANV15-41-R2Y3, R5N6, R2MS)
- **Acer Nitro V14 Series:** ANV14-61 (e.g., ANV14-61-R49G)
- **Acer Nitro V16 Series:** ANV16-41 (e.g., ANV16-41-R2R4, R5J0, R5K2)
- **Acer Nitro 5 Series:** AN515-31, AN515-41, AN515-42, AN515-43, AN515-51, AN515-52, AN515-53, AN515-54, AN515-56 series
- Also compatible with models N18C3, N18C4, N20C1, N20C2 Gaming Laptops that require a 135W power supply.

Important: Verify your laptop's power requirements (voltage and amperage) and connector tip size (5.5x1.7mm) before use. This adapter is specifically for 135W models.

8. CARE AND MAINTENANCE

Proper care extends the life of your power adapter:

- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid wrapping cables too tightly to prevent damage.
- **Cleaning:** Disconnect from power before cleaning. Use a soft, dry cloth to wipe the adapter. Do not use liquid cleaners.
- **Cable Management:** Avoid sharp bends or kinks in the cables. Do not place heavy objects on the cables.
- **Temperature:** Do not operate the adapter in environments with extreme heat or cold.

9. TROUBLESHOOTING

If you encounter issues with your power adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Laptop not charging.	Loose connection, faulty outlet, incompatible adapter, or laptop issue.	Ensure all cables are securely connected. Try a different wall outlet. Verify the adapter's compatibility with your laptop model and power requirements. Check if the laptop's charging port is damaged.

Problem	Possible Cause	Solution
Adapter feels hot during use.	Normal operation, poor ventilation, or excessive load.	A slight warmth is normal. Ensure the adapter is in a well-ventilated area, not covered. Confirm your laptop does not require more than 135W.
Connector tip is loose in laptop port.	Worn laptop port or incorrect tip size.	Ensure the tip is fully inserted. Verify your laptop requires a 5.5x1.7mm tip. If the laptop port is worn, professional repair may be needed.

If the problem persists after attempting these solutions, please contact customer support.

10. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	DONGERDI
Model Number	DED190071M
Input Voltage	100-240V AC, 50-60Hz
Output Voltage	19V DC
Output Current	7.1A
Output Power	135W Max
Connector Type	5.5x1.7mm Round Purple Tip
Item Weight	Approximately 1.21 pounds (0.55 kg)
Package Dimensions	Approximately 8.19 x 5.2 x 2.28 inches
Cable Length (Total)	Approximately 10 feet (3 meters)
Special Features	Short Circuit Protection, Overcurrent Protection, Overvoltage Protection, Lightweight Design

11. CERTIFICATIONS

This product complies with various international safety and quality standards.

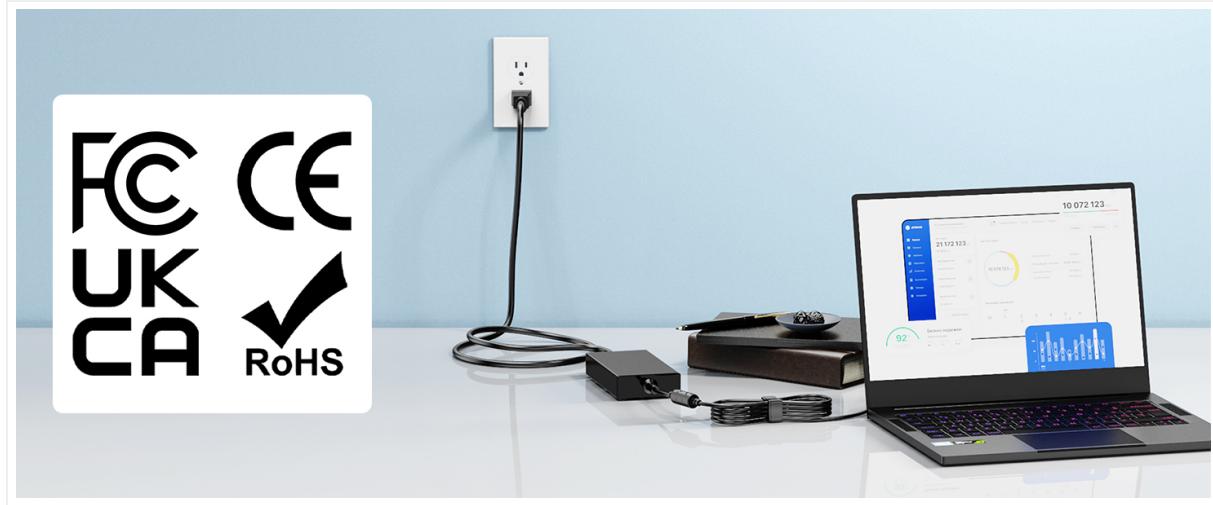


Figure 6: Product Certifications

The adapter is certified with FC, CE, UKCA, and RoHS, ensuring adherence to safety and environmental regulations.

12. CUSTOMER SUPPORT

For technical assistance, warranty information, or any questions regarding your DONGERDI 135W AC Power Adapter, please contact DONGERDI customer support through the retailer where the product was purchased or visit the official DONGERDI store page on Amazon.

DONGERDI Store Link: [DONGERDI Official Store](#)