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## MDCGPower MD18CA0193

# MDCGPower 15V AC Adapter User Manual

Model: MD18CA0193

## 1. INTRODUCTION

Thank you for choosing the MDCGPower 15V AC Adapter. This adapter is designed to provide reliable power to compatible devices, including Golabs R150, R300, i200 Power Stations, and Progeny 280W/350W devices. Please read this manual carefully before use to ensure proper operation and safety.

**Note:** Always verify the voltage and connector type required by your device to ensure compatibility before connecting the adapter.

## 2. SAFETY INFORMATION

Your safety and the longevity of your devices are paramount. This adapter incorporates multiple safety features to protect against common electrical hazards.

- **Over Current Protection:** Prevents damage from excessive current flow.
- **Over Voltage Protection:** Safeguards against voltage spikes.
- **Short Circuit Protection:** Automatically shuts down in case of a short circuit.
- **Over Temperature Protection:** Monitors and regulates internal temperature.
- **Over Load Protection:** Protects against drawing too much power.
- **Quality Microchip:** Ensures stable and efficient power delivery.

# 6 Safety Protection

Comprehensive protection for you and your devices



Over Temp  
Protection



Over Voltage  
Protection



Over Current  
Protection



Short Circuit  
Protection



Over Load  
Protection



Quality  
Microchip

Figure 2.1: The MDCGPower AC Adapter features comprehensive safety protections to safeguard your devices.

## General Safety Precautions:

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to disassemble or modify the adapter.
- Ensure the adapter is used in a well-ventilated area.
- Unplug the adapter from the power outlet when not in use for extended periods.

## 3. PRODUCT FEATURES

The MDCGPower AC Adapter is engineered for performance and convenience.

- **Universal Input Voltage:** Supports a wide range of input voltages from 100-240VAC, 50/60Hz, making it suitable for international travel with appropriate plug adapters.
- **High Efficiency:** Designed for optimal power conversion, reducing energy waste and heat generation.
- **Durable Construction:** Built with quality materials for long-lasting reliability.
- **Compact and Portable Design:** Its small footprint makes it easy to carry and store.

# UNIVERSAL COMPATIBILITY



Camera



Bluetooth Speaker



Min Fan



SpeakerS



Light Strip



Routers



Figure 3.1: The adapter offers universal compatibility with a range of electronic devices.



Figure 3.2: The adapter's compact and portable design makes it convenient for travel and everyday use.



Figure 3.3: The adapter's compact dimensions (approximately 4.13 x 1.77 inches) allow for easy placement.

## 4. SETUP

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Follow these steps to set up your MDCGPower AC Adapter:

1. **Unpack:** Carefully remove the AC adapter from its packaging.
2. **Connect to Power Outlet:** Plug the AC input cable (the cable with the two-prong or three-prong plug) into a standard wall power outlet.
3. **Connect to Device:** Insert the DC output connector (the barrel connector) into the corresponding power input port on your compatible device (e.g., power station, laptop). Ensure the connection is firm.



Figure 4.1: Proper connection of the AC adapter to a power source and a device.

## 5. OPERATING INSTRUCTIONS

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Once connected, the adapter will begin supplying power to your device. Most devices will indicate charging status through an LED indicator or on-screen display.

- Ensure the adapter is not covered during operation to allow for proper heat dissipation.
- If your device has a specific charging protocol, the adapter will automatically adjust to deliver the correct power.
- Disconnect the adapter from the device and power outlet when charging is complete or when the device is not in use.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and safe operation of your AC adapter.

- **Cleaning:** Use a soft, dry cloth to wipe the adapter. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables.
- **Handling:** Always grasp the plug when disconnecting from an outlet or device; do not pull on the

cable. Inspect cables regularly for any signs of damage.

## 7. TROUBLESHOOTING

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If you encounter issues with your AC adapter, try the following steps:

- **No Power Output:**
  - Check if the adapter is securely plugged into a working wall outlet.
  - Ensure the DC connector is firmly inserted into your device's power port.
  - Test the wall outlet with another device to confirm it is functional.
- **Slow Charging:**
  - Verify that your device is compatible with the adapter's output specifications (15V).
  - Ensure no other high-power devices are connected to the same power strip, potentially causing voltage drops.
- **Adapter Overheating:**
  - Unplug the adapter immediately.
  - Ensure it is used in a well-ventilated area and not covered.
  - If overheating persists, discontinue use and contact support.

If these steps do not resolve the issue, please refer to the support section.

## 8. SPECIFICATIONS

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Feature	Specification
Model Number	MD18CA0193
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	15V
Connector Type	Barrel Connector
Product Dimensions	4 x 3 x 2 inches (approximate adapter body)
Item Weight	4 ounces
Color	Black

## 9. WARRANTY AND SUPPORT

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MDCGPower products are manufactured to high-quality standards. For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Please have your model number (MD18CA0193) and purchase details ready when contacting support.

