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GUY-TECH BQ30A-0903000-B

GUY-TECH 9.0V 3.0A 27.0W AC-DC Power Adapter BQ30A-0903000-B Instruction Manual

Model: BQ30A-0903000-B

1. Introduction

This instruction manual provides essential information for the safe and effective use of your GUY-TECH 9.0V 3.0A 27.0W AC-DC Power Adapter, model BQ30A-0903000-B. This adapter is designed to provide stable power to compatible electronic devices requiring 9.0V DC input with a maximum current draw of 3.0A. Please read this manual thoroughly before operation and retain it for future reference.

2. Safety Information

WARNING: To reduce the risk of electric shock, fire, or injury, always follow these basic safety precautions.

- Ensure the adapter's input voltage (AC 100V-240V) matches your local power supply.
- Verify that your device requires 9.0V DC input and does not exceed 3.0A current draw. Using an adapter with incorrect voltage or insufficient current rating can damage your device.
- Do not expose the adapter to water, rain, or excessive moisture.
- Avoid using the adapter in extremely hot or cold environments.
- Do not open, modify, or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Keep the adapter away from children.
- Unplug the adapter from the wall outlet when not in use for extended periods.
- This adapter features built-in protections against over voltage, over current, and short circuits to safeguard your connected devices.



Image 2.1: Visual representation of the adapter's multi-protection features, including over current, over voltage, overcharge, short circuit, over temperature, and anti-interference. These icons indicate the safety mechanisms integrated into the adapter's design.

3. Package Contents

Please check the package for the following items:

- 1 x GUY-TECH 9.0V 3.0A 27.0W AC-DC Power Adapter (Model: BQ30A-0903000-B)

4. Product Overview

The GUY-TECH power adapter is a compact and portable unit designed for efficient power delivery. It features a standard AC input plug and a DC output connector suitable for a wide range of compatible electronic devices.



Image 4.1: The GUY-TECH AC-DC power adapter, showing the main adapter unit with a two-prong US-style plug and the attached DC output cable with a barrel connector. The cable is neatly coiled.

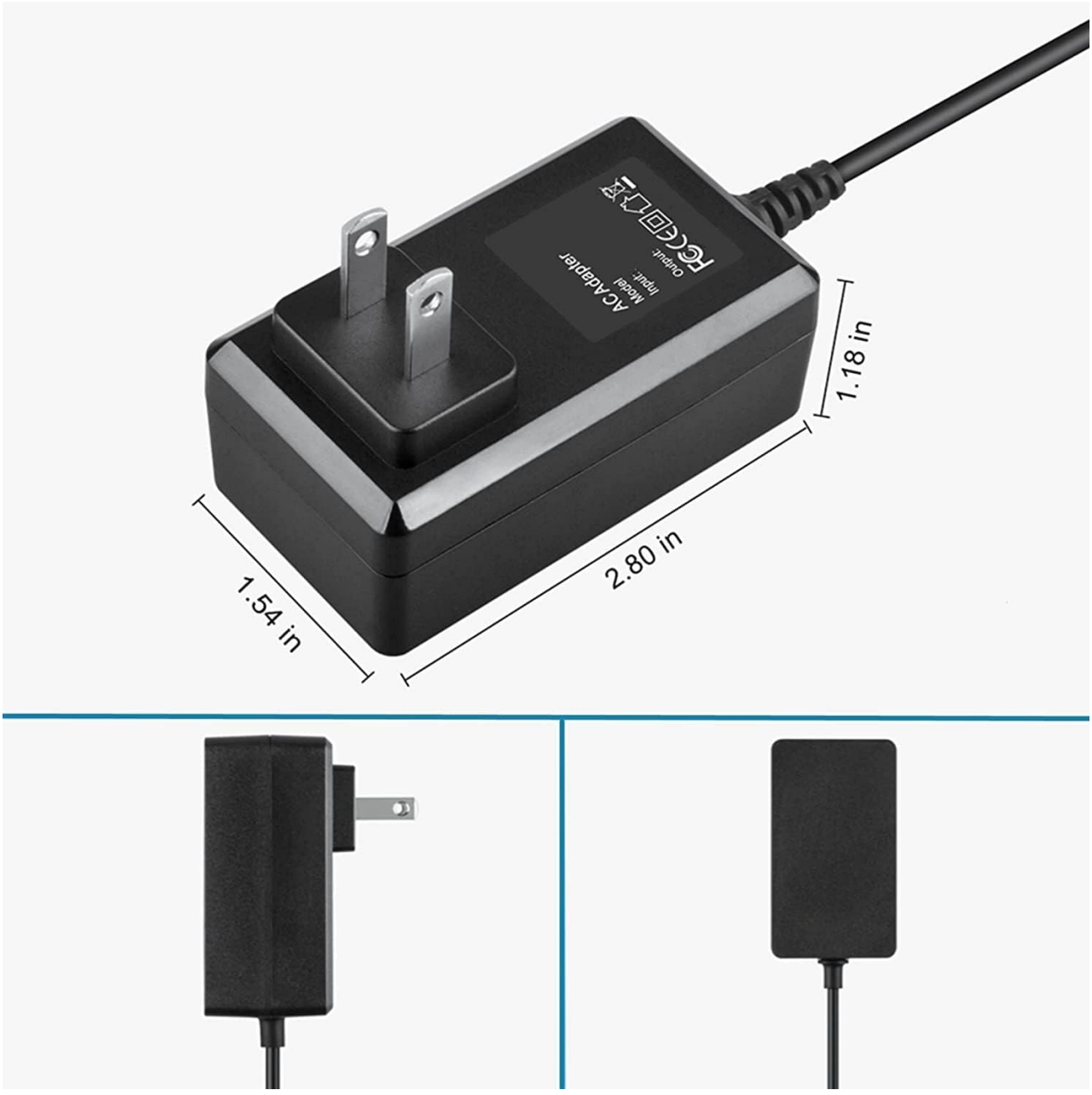


Image 4.2: A diagram illustrating the physical dimensions of the adapter unit. The measurements are approximately 2.80 inches in length, 1.54 inches in width, and 1.18 inches in height, excluding the prongs and cable.

5. Setup

1. **Verify Compatibility:** Before connecting, ensure your device requires a 9.0V DC power input and its current draw does not exceed 3.0A. Check your device's specifications or original power adapter.
2. **Connect to Device:** Insert the DC output connector of the GUY-TECH adapter firmly into the power input port of your electronic device.
3. **Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard AC 100V-240V wall outlet.
4. **Power On:** Once connected, your device should receive power. If your device has a power switch, turn it on.



Image 5.1: The GUY-TECH power adapter plugged into a multi-outlet power strip, demonstrating a typical setup. The image also highlights the adapter's stable voltage and various protection features through icons.

6. Operating Instructions

This power adapter is designed for continuous operation within its specified limits. It provides a stable 9.0V DC output to power your compatible devices. The adapter is small and lightweight, making it suitable for various applications and easy to transport.

- Always ensure proper ventilation around the adapter during operation to prevent overheating.
- Avoid placing heavy objects on the adapter or its cables.
- Do not yank the cable to disconnect; always grasp the plug firmly.

7. Maintenance

The GUY-TECH power adapter requires minimal maintenance.

- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.



Image 7.1: The GUY-TECH power adapter with its cable neatly coiled, demonstrating a recommended method for storage to prevent tangling and damage.

8. Troubleshooting

If you encounter issues with your power adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device not powering on.	◦ Adapter not properly plugged into outlet. ◦ DC connector not fully inserted into device. ◦ Device power switch is off. ◦ Incompatible voltage/current requirements. ◦ Faulty outlet.	◦ Ensure adapter is securely plugged into a working outlet. ◦ Check DC connector for a snug fit. ◦ Turn on the device's power switch. ◦ Verify device specifications against adapter output (9.0V, 3.0A). ◦ Test the outlet with another known working appliance.
Adapter feels hot.	◦ Normal operation under load. ◦ Poor ventilation. ◦ Overload (device drawing too much current).	◦ A slight warmth is normal. ◦ Ensure adapter is in an open area with good airflow. ◦ Disconnect device and verify its current draw does not exceed 3.0A. If it does, discontinue use.
Intermittent power.	◦ Loose connection. ◦ Damaged cable or connector.	◦ Check all connections for tightness. ◦ Inspect the cable and connector for visible damage. If damaged, discontinue use and replace the adapter.

9. Specifications

Feature	Detail
Model	BQ30A-0903000-B
Input Voltage	AC 100V - 240V (Worldwide Use)
Output Voltage	DC 9.0V
Output Current	3.0A (Max)
Output Power	27.0W (Max)
Connector Type	Plug (DC Barrel Connector)
Color	Black
Material	Composite, Metal, Plastic
Special Feature	Portable
Safety Certifications	CCC, CE, RoHS
Manufacturer	Shenzhen Jiuzhou Power Technology Co., Ltd.

10. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.
Manufacturer: Shenzhen Jiuzhou Power Technology Co., Ltd.
Brand: GUY-TECH

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