

## GP-A240-050

# GP-A240-050 Switching Mode Power Supply User Manual

Model: GP-A240-050

## INTRODUCTION

This manual provides essential information for the safe and efficient operation of your GP-A240-050 Switching Mode Power Supply. Please read this manual thoroughly before using the device and retain it for future reference.

## SAFETY INFORMATION

### **WARNING: RISK OF ELECTRIC SHOCK. DO NOT OPEN.**

To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

- Ensure the power supply is connected to a grounded outlet.
- Do not expose the device to water or excessive moisture.
- Do not operate the device if the power cord or plug is damaged.
- Disconnect power before cleaning or servicing.
- This device is designed for indoor use only.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- GP-A240-050 Switching Mode Power Supply
- Power Cord

## PRODUCT OVERVIEW

Familiarize yourself with the components of your power supply.



Figure 1: Angled view of the GP-A240-050 power supply, highlighting the PoE and LAN ports on one end and the product information label on the top surface.



Figure 2: Front view of the power supply, clearly showing the two RJ-45 female connector ports labeled "POE" and "LAN".



Figure 3: Side view of the power supply unit, displaying the AC input receptacle where the power cord connects. The included power cord is shown alongside the unit.



Figure 4: Bottom view of the power supply, featuring the detailed product label. This label includes model number (GP-A240-050), input/output specifications (100-240V AC, 24V 0.5A DC), and various regulatory certifications.

## Key Components:

- **AC Input Receptacle:** Connects to the provided power cord for AC power input.
- **POE Port:** Power over Ethernet output port for connecting to compatible devices.
- **LAN Port:** Local Area Network data input port.
- **Reset Button:** (If applicable, based on image) Used for resetting the device.
- **Product Label:** Contains model information, electrical specifications, and certifications.

1. **Connect Power Cord:** Insert the provided power cord into the AC input receptacle of the GP-A240-050 power supply.
2. **Connect to Power Outlet:** Plug the other end of the power cord into a standard 100-240V AC wall outlet. Ensure the outlet is grounded.
3. **Connect LAN Cable:** Connect an Ethernet cable from your network router or switch to the **LAN** port on the power supply.
4. **Connect POE Device:** Connect another Ethernet cable from the **POE** port on the power supply to your Power over Ethernet (PoE) compatible device (e.g., IP camera, wireless access point).
5. **Verify Connection:** Once connected, the power supply will provide both data and power to the connected PoE device.

## OPERATING

The GP-A240-050 is a plug-and-play device. Once properly connected as described in the Setup section, it will automatically provide power and data passthrough to the connected PoE device.

- **Power Indicator:** (If applicable, based on product) Check for any LED indicators on the unit that signify power status.
- **Device Compatibility:** Ensure your connected device is compatible with 24V 0.5A passive PoE.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the power supply. Do not use liquid cleaners or aerosol sprays.
- **Ventilation:** Ensure the power supply is placed in a well-ventilated area to prevent overheating. Do not block ventilation openings.
- **Storage:** When not in use for extended periods, store the power supply in a cool, dry place away from direct sunlight.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to connected device	Power cord not properly connected Wall outlet not functioning PoE device not compatible or faulty Incorrect voltage/polarity	Ensure power cord is securely plugged into both the power supply and the wall outlet. Test the wall outlet with another device. Verify the PoE device requires 24V 0.5A passive PoE. Test with a known working device. Check the specifications of your device against the power supply's output.
Network connectivity issues	Faulty Ethernet cables Incorrect port connection Network device issues	Replace Ethernet cables. Ensure LAN cable is in the LAN port and PoE device cable is in the POE port. Check your router/switch for issues.

Problem	Possible Cause	Solution
Power supply feels hot	Poor ventilation Overload	Ensure adequate airflow around the unit. Do not cover. Verify the connected device's power requirements do not exceed 12W.

## SPECIFICATIONS

Feature	Specification
Model	GP-A240-050
Input Voltage	100-240V AC, 0.3A, 50/60Hz
Output Voltage	24V DC
Output Current	0.5A
Output Wattage	12W
Connector Type	2 x RJ-45 female (PoE, LAN)
Mounting Type	Wall-Mount
Compatible Devices	Personal Computer (PoE compatible devices)
Country of Origin	China

## WARRANTY AND SUPPORT

This product is professionally tested and designed by a manufacturer. For specific warranty information and technical support, please refer to the documentation provided with your purchase or contact the seller directly.

Reliability features include safeguarding against incorrect voltage, short circuit, and internal overheating for safe and efficient operation.