

## Volt Polska 5AVRZP9100

# Volt Polska AVR Pro 10000VA 3% SERVO Voltage Stabilizer User Manual

Model: 5AVRZP9100

## 1. INTRODUCTION

The Volt Polska AVR Pro 10000VA 3% SERVO Voltage Stabilizer is designed to regulate and stabilize the voltage supplied to connected electronic devices. It combines the functions of a voltage regulator and a surge protection device, improving power quality by automatically adjusting input voltage and suppressing electrical interference. This device is suitable for protecting computer systems, servers, network components, and various audio/video equipment.

## 2. IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before operating the device.
- Do not open the device casing. Servicing should only be performed by qualified personnel.
- Ensure the device is connected to a properly grounded power outlet.
- Do not expose the device to rain, moisture, or excessive humidity.
- Place the device in a well-ventilated area, away from direct sunlight and heat sources.
- Ensure the total power consumption of connected devices does not exceed the stabilizer's maximum capacity (10000VA).
- In case of smoke, unusual odors, or abnormal operation, immediately disconnect the device from the power supply and contact support.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Volt Polska AVR Pro 10000VA 3% SERVO Voltage Stabilizer Unit
- User Manual (this document)

- Power Cable (may be integrated)

## 4. PRODUCT OVERVIEW

### 4.1 Front Panel

The front panel features the main display, indicators, and the power switch.



**Figure 4.1:** Front view of the Volt Polska AVR Pro 10000VA Voltage Stabilizer. This image displays the device's front, featuring a digital display that shows input voltage (INPUT), output voltage (OUTPUT), and load level (LOAD). Below the display is the 'VOLT POLSKA' brand logo. On the left side, there is a large toggle switch labeled 'ON' and 'OFF' for power control. The bottom part of the front panel has ventilation grilles. The top has two handles for portability.

- **Digital Display:** Shows real-time information such as input voltage (INPUT), output voltage (OUTPUT), and load level (LOAD). It also includes indicators for "NORMAL WORKING" and "UNUSUAL" conditions.
- **Power Switch (ON/OFF):** Controls the main power to the stabilizer.
- **Ventilation Grilles:** Ensure proper airflow for cooling.

### 4.2 Rear Panel

The rear panel provides connection ports and additional safety features.



**Figure 4.2:** Rear view of the Volt Polska AVR Pro 10000VA Voltage Stabilizer. This image shows the back of the device, featuring two output sockets on the right side. On the left, there's an importer label with contact information. A large sticker in the center provides model details (AVR PRO-10000VA, AC 220V~50Hz, Max Current 45A, Precision +/-3%) and a safety warning: "SWITCH ON REGULATOR BEFORE SWITCHING ON CONNECTED APPLIANCES. THIS IS A HIGH VOLTAGE DEVICE. NO UNQUALIFIED PERSON SHOULD OPEN OR ATTEMPT TO SERVICE. FOR INDOOR USE ONLY." A circular circuit breaker is visible below the warning label. Ventilation grilles are also present.

- **Input Terminal:** For connecting the stabilizer to the main power supply.
- **Output Sockets:** Two standard power outlets for connecting electronic devices.
- **Circuit Breaker:** Provides overload protection. If tripped, reset it after resolving the overload condition.
- **Ventilation Fan:** Assists in cooling the internal components.
- **Warning Labels:** Important safety information regarding high voltage and servicing restrictions.

## 5. SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the stabilizer from its packaging. Inspect for any signs of damage during transit.
2. **Placement:** Place the stabilizer on a stable, flat surface in a dry, well-ventilated area. Ensure there is adequate space around the unit for proper airflow, especially around the ventilation grilles and fan. Avoid placing it near heat sources or in direct sunlight.
3. **Initial Connection:**

- Ensure the stabilizer's power switch is in the **OFF** position.
  - Connect the stabilizer's input terminal to a grounded wall outlet.
  - Do not connect any devices to the stabilizer's output sockets yet.
4. **Power On (Stabilizer Only):** Flip the power switch on the front panel to the **ON** position. The digital display should illuminate, showing the input voltage. Allow the stabilizer to stabilize for a few seconds.
  5. **Connect Devices:** Once the stabilizer is operating normally (indicated by "NORMAL WORKING" on the display), connect your electronic devices to the output sockets on the rear panel. Ensure the total power consumption of all connected devices does not exceed 10000VA.
  6. **Power On Devices:** Switch on your connected devices one by one.

## 6. OPERATING INSTRUCTIONS

The AVR Pro 10000VA operates automatically to maintain a stable output voltage. Monitor the digital display for operational status.

- **Input Voltage (INPUT):** Displays the current voltage from the main power supply.
- **Output Voltage (OUTPUT):** Displays the stabilized voltage provided to your connected devices. This should ideally be around 230V.
- **Load Level (LOAD):** Indicates the percentage of the stabilizer's capacity currently being used by connected devices. Avoid exceeding 100% load to prevent overload.
- **NORMAL WORKING Indicator:** Illuminates when the stabilizer is operating within normal parameters and providing stable output.
- **UNUSUAL Indicator:** Illuminates if there is an abnormal condition, such as an input voltage outside the operational range, overload, or overheating. Refer to the troubleshooting section if this indicator is active.
- **Delay Time:** The device has a 6-second delay time before outputting power after being switched on or after a power fluctuation. This protects connected equipment from immediate power surges.

## 7. MAINTENANCE

- **Cleaning:** Disconnect the stabilizer from the power supply before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Ventilation:** Regularly check that the ventilation grilles and fan are free from dust and obstructions to ensure proper cooling.
- **Storage:** If storing the device for an extended period, ensure it is clean, dry, and stored in a cool, well-ventilated place.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.

## 8. TROUBLESHOOTING

| Problem                       | Possible Cause                                                                             | Solution                                                                                                                 |
|-------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Stabilizer does not power on. | No power from the wall outlet; Power switch is OFF; Internal fuse/circuit breaker tripped. | Check wall outlet with another device; Ensure power switch is ON; Check and reset the circuit breaker on the rear panel. |

| Problem                                    | Possible Cause                                                          | Solution                                                                                                     |
|--------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| "UNUSUAL" indicator is active.             | Input voltage out of range; Overload; Overheating.                      | Check input voltage; Reduce connected load; Ensure proper ventilation.                                       |
| Output voltage is not stable or incorrect. | Extreme input voltage fluctuations; Stabilizer malfunction.             | This is normal for extreme fluctuations, the device is working to stabilize. If persistent, contact support. |
| Connected devices are not receiving power. | Stabilizer is OFF; Circuit breaker tripped; Device power switch is OFF. | Ensure stabilizer is ON; Reset circuit breaker; Check power switches on connected devices.                   |

## 9. SPECIFICATIONS

| Feature                | Specification                                                       |
|------------------------|---------------------------------------------------------------------|
| Model Number           | 5AVRZP9100                                                          |
| Power Capacity         | 10000 VA / 10000 Watts                                              |
| Input Voltage Range    | 100-260 VAC                                                         |
| Input Frequency        | 50 Hz                                                               |
| Output Voltage         | 230 V AC                                                            |
| Output Precision       | ±3%                                                                 |
| Delay Time             | 6 seconds                                                           |
| Protection Features    | Overload, Overvoltage, Undervoltage, Overtemperature, Short-circuit |
| Dimensions (L x W x H) | 388 x 302 x 210 mm                                                  |
| Weight                 | 24 kg                                                               |
| Form Factor            | Tower                                                               |

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Volt Polska customer service. Keep your purchase receipt as proof of purchase.

**Contact Information:** Refer to the importer label on the rear panel of the device or visit the official Volt Polska website for the most current support details.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

#### Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

#### Question

Example: How do I reset this device or fix this error?

#### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

#### Answered questions about this manual

**Why did my Volt Polska 5AVRZP9100 voltage stabilizer turn off even though the power in the house did not go out?**

If your Volt Polska 5AVRZP9100 voltage stabilizer has turned off but the power in your house has not, there are several potential reasons based on the troubleshooting section of the manual: No power from...

[Read full answer](#)