FORYON ST-10000

FORYON ST-10000 10000W Step Up/Down Voltage Transformer User Manual

Model: ST-10000

1. Introduction

This user manual provides essential information for the safe and efficient operation of your FORYON ST-10000 10000W Step Up/Down Voltage Transformer. Please read this manual thoroughly before using the device and retain it for future reference.

1.1 Safety Information

- Ensure the transformer is placed on a stable, flat surface with adequate ventilation.
- Do not expose the transformer to moisture or extreme temperatures. Operating temperature range: -5°C to +40°C.
- Always connect the transformer to a grounded power outlet.
- Do not overload the transformer. The maximum power rating is 10000W.
- The device features dual circuit breakers for protection. If a circuit breaker trips, disconnect the load, reset the breaker, and check for overloads or short circuits.
- Keep out of reach of children.
- For indoor use only.

2. Product Features

The FORYON ST-10000 is a versatile step up/down voltage transformer designed for reliable power conversion. Key features include:

- **Step Up/Down Functionality:** Converts 110V to 220V and 220V to 110V.
- **High Power Capacity:** 10000W rating for various appliances.
- **Circuit Breaker Protection:** Dual circuit breakers for enhanced safety against overloads.
- **High Efficiency:** Utilizes a toroidal transformer for stable output and low consumption.
- **Wide Compatibility:** Suitable for use with CPAP machines, electrical toothbrushes, hair straighteners, laptops, mobile phones, curling irons, heating pads, televisions, gaming consoles, and more.

3. Product Overview

Familiarize yourself with the components of your FORYON ST-10000 transformer.



Figure 1: Front view of the FORYON ST-10000 transformer, showing the 110V and 220V output sockets, power switch, and power indicator light.



Figure 2: Rear view of the FORYON ST-10000 transformer, highlighting the AC input selector for 110V or 220V input voltage.



Figure 3: Close-up of the front panel output sockets, showing two 110V outlets and two 220V outlets.

4. Specifications

Parameter	Value
Model	ST-10000
Power Rating	10000W
Input Voltage	110V / 220V (selectable)
Output Voltage	110V / 220V
Current	9A
Working Temperature	-5°C to +40°C
Dimensions (L x W x H)	33.00cm x 28.00cm x 42.50cm (approximate)

Parameter	Value
Item Weight	8000 Grams (17.64 pounds)



Figure 4: Dimensions of the FORYON ST-10000 transformer, showing approximate measurements.

5. Setup and Operation

5.1 Initial Setup

1. Unpack the transformer and place it on a stable, dry, and well-ventilated surface.
2. Ensure the power switch on the front panel is in the "OFF" position.
3. Identify the voltage of your power source (e.g., 110V or 220V).
4. Locate the AC Input Selector on the rear of the transformer (refer to Figure 2).
5. Adjust the AC Input Selector to match your power source voltage (e.g., if your wall outlet is 110V, select "110V").

5.2 Converting 110V to 220V

1. Ensure the AC Input Selector on the rear is set to "110V".
2. Plug the transformer's power cord into a standard 110V wall outlet.
3. Connect your 220V appliance to one of the "220V" output sockets on the front panel (refer to Figure 3).
4. Turn the power switch on the front panel to the "ON" position. The power indicator light will illuminate.

5. Your 220V appliance should now receive power.

5.3 Converting 220V to 110V

1. Ensure the AC Input Selector on the rear is set to "220V".
2. Plug the transformer's power cord into a standard 220V wall outlet.
3. Connect your 110V appliance to one of the "110V" output sockets on the front panel (refer to Figure 3).
4. Turn the power switch on the front panel to the "ON" position. The power indicator light will illuminate.
5. Your 110V appliance should now receive power.

Important: *Always ensure the total wattage of connected appliances does not exceed the transformer's 10000W capacity.*

6. Maintenance

- Keep the transformer clean and free from dust. Use a dry, soft cloth for cleaning.
- Ensure ventilation openings are not blocked to prevent overheating.
- Regularly check the power cord and plugs for any signs of damage.
- Store the transformer in a cool, dry place when not in use for extended periods.

7. Troubleshooting

Problem	Possible Cause	Solution
No power indicator light	Transformer not plugged in; power switch off; wall outlet fault; internal fuse/breaker tripped.	Check power connection; turn power switch ON; test wall outlet; check and reset circuit breaker.
Appliance not receiving power	Incorrect input/output voltage selection; appliance faulty; transformer overloaded; circuit breaker tripped.	Verify AC Input Selector setting; ensure appliance works directly; reduce load; reset circuit breaker.
Transformer overheating	Overloaded; insufficient ventilation.	Reduce connected load; ensure clear airflow around the unit.

8. Warranty and Support

FORYON products are designed for reliability and performance. For warranty information, technical support, or any inquiries regarding your ST-10000 transformer, please contact FORYON customer service through your purchase platform or the official FORYON website.

Please have your model number (ST-10000) and purchase details ready when contacting support.

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

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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