

FOVAL SGR-LXC2000-6

FOVAL 2000W Travel Voltage Converter Instruction Manual

Model: SGR-LXC2000-6

1. INTRODUCTION

Thank you for choosing the FOVAL 2000W Travel Voltage Converter. This device is designed to convert foreign electricity (220-240V, 50/60Hz) to US voltage (110V, 60Hz), allowing you to safely use your US electronic devices while traveling internationally. It features multiple AC outlets and USB charging ports, along with a set of international adapters for broad compatibility.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Voltage Compatibility:** The converter steps down voltage from 220-240V to 110V. Do not use it with devices that require 220-240V directly or devices that are not compatible with 110V.
- **Appliance Type:** The 2000W AC socket is **only for mechanical motor devices** such as mechanically switched hair dryers and electric kettles. It is **not suitable for electronic-controlled appliances** with smart chips, automatic shutdown, touch screens, temperature control, timing, or pulse functions (e.g., Dyson hair dryers).
- **Power Limits:** The 200W AC sockets cannot be used for devices exceeding 200W. Always check the safety data sheet or data plate on your device before plugging it in.
- **Overload Protection:** The converter is equipped with multiple protections including surge protection, over-heating, short-circuiting, over-current, over-temperature, and overload. It will automatically shut down to prevent damage.
- **Ventilation:** Ensure adequate ventilation around the converter during use. Do not cover the ventilation openings.
- **Moisture:** Do not expose the converter to rain, moisture, or immerse it in water.
- **Children:** Keep out of reach of children.

This product is certified by CE, FCC, and RoHS industry standards.

3. PRODUCT OVERVIEW

The FOVAL 2000W Travel Voltage Converter is a compact and versatile power solution for international travel.

3.1 Components

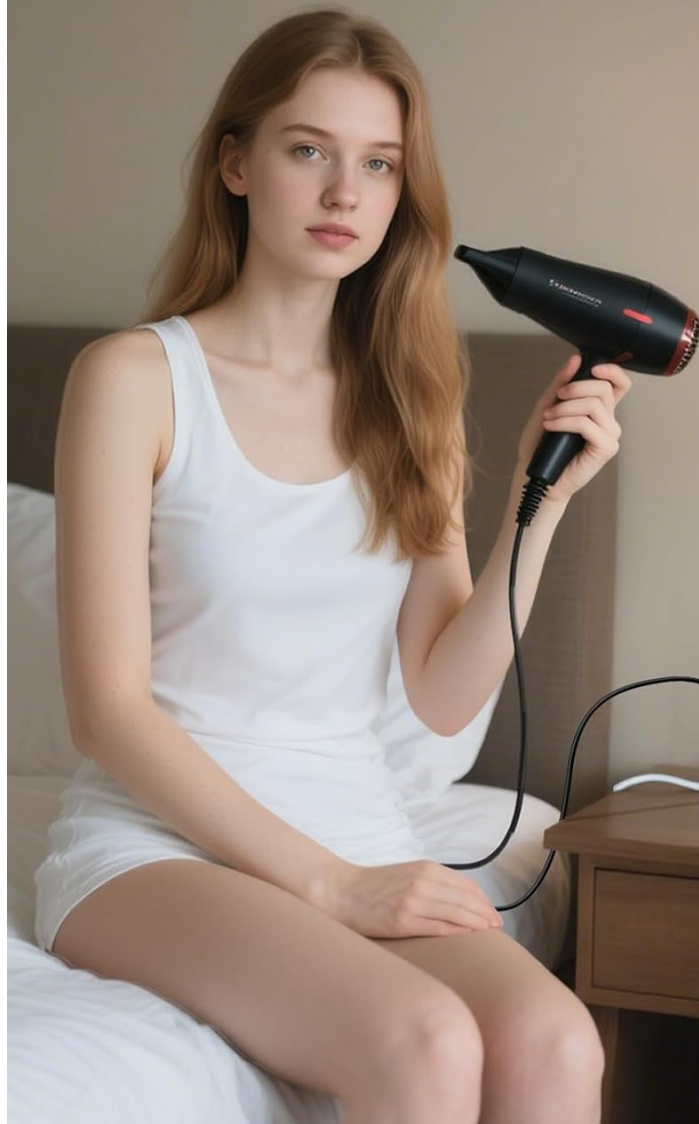
- FOVAL 2000W Travel Voltage Converter Unit
- 5-foot Detachable Type B AC Power Cord
- 5 International Adapters (Type C, A/I, L, G, D)
- Velvet Storage Bag

3.2 Features

- **Voltage Conversion:** Converts 220-240V to 110V.
- **AC Outlets:** One 2000W AC outlet (for hair dryers/irons only) and two 200W AC outlets (total output 200W max).
- **USB Charging:** Three USB-A ports (up to 2.4A each) and one USB-C port (up to 3A, 18W max). Total USB output 18W max.
- **Worldwide Compatibility:** Includes 5 international adapters for use in over 156 countries.
- **Safety Features:** Over-temperature, short-circuit, over-current, over-voltage, and overload protection.
- **Quiet Operation:** Features a silent cooling fan for efficient heat dissipation.
- **Compact Design:** Dimensions of 5.9 x 3.3 x 1.37 inches and a weight of 0.33 kg (11.5 oz) for easy portability.

3.3 Product Views

Designed for Hair Dryers

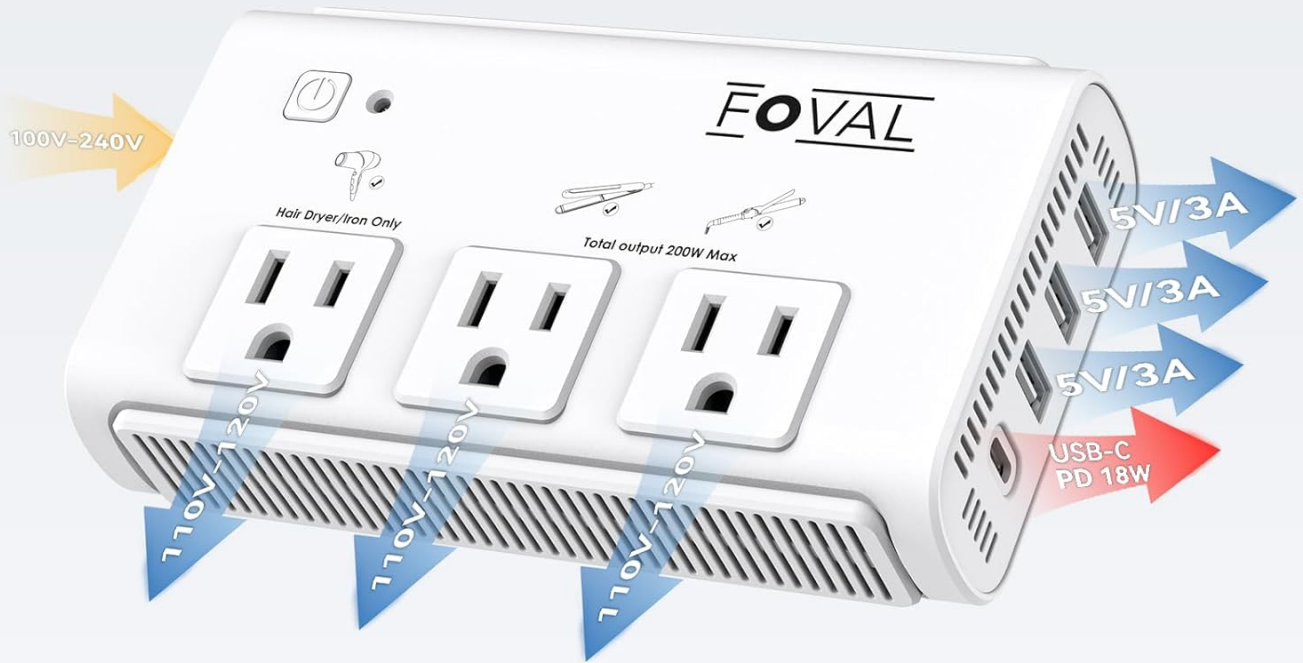
A close-up of the white FOVAL converter. It features a power button on the left, a power indicator light, and three AC outlets. The first outlet is labeled "Hair Dryer/Iron Only" and has a blue dot above it. The second and third outlets are labeled "Total output 2000W Max". Below the main image is a circular inset showing a detailed view of the "Hair Dryer/Iron Only" outlet, which is a standard NEMA 1-15R outlet.

This 2000W output port is only for hair dryers

Front view of the converter showing the AC outlets and power button.

2000W Voltage Converter

Step down the voltage from 100-240v to 110v,
ideal for charging under 2000W devices.



Over-Temperature
Protection



Silent Working



Fireproof PC
Material



Short-circuit
Protection



Over-voltage
Protection

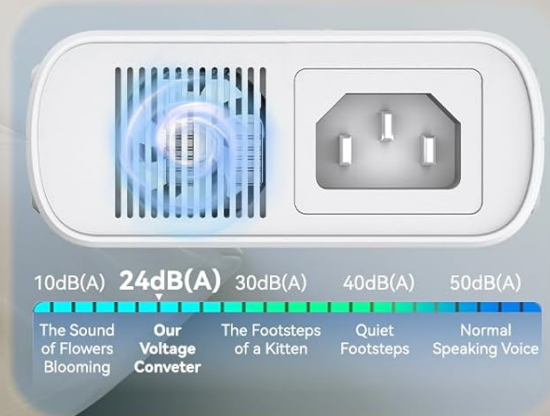


Over-current
Protection

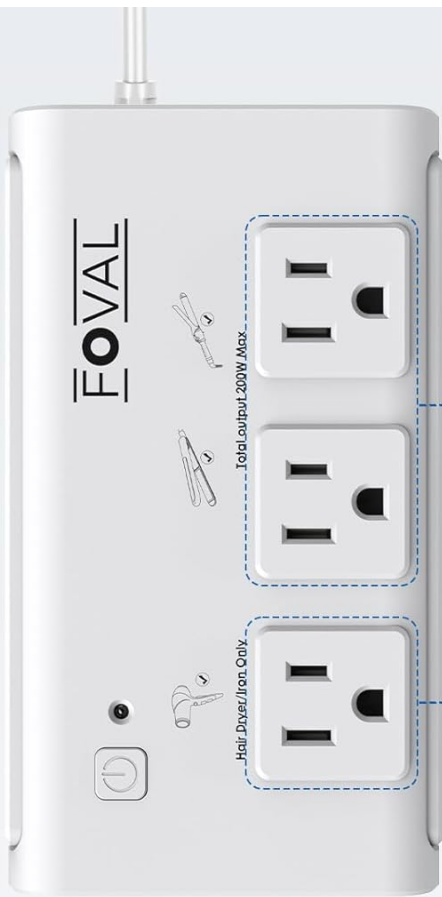
Side view of the converter displaying the USB-A and USB-C charging ports.

Quiet Work

Using a silent cooling fan to create a comfortable environment. And achieve high-efficiency cooling



The converter shown with its accompanying set of international plug adapters.



200W Converter

Suitable for low power electrical appliances



2000W Converter

Suitable for high power electrical appliances



Hair Dryer (Not for Dyson)



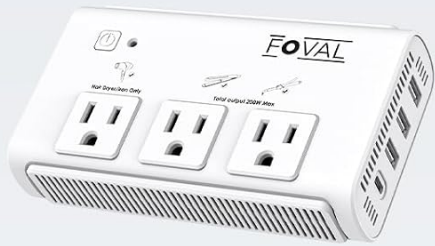
USB-A / USB-C



NOTE: Not applicable for Dyson brand hair dryers

The converter in use, simultaneously charging a hair dryer, laptop, phone, and smartwatch.

WHY CHOOSE FOVAL?



VS



FOVAL

Other



2000W



Type A 5V/2.4A *3



Type C PD 18W *1



Cell Phone



Laptop



Camera



Hair Dryers



Hair Curler



Hair Straightener

With a Cooling Fan

≤20dB

Lightweight & Portable



200W



NO Type C



Cell Phone



Laptop



Camera



Hair Dryers



Hair Curler



Hair Straightener

Only electronic devices

No fan

Noise affects sleep

Bulky

An internal view highlighting the multi-protection circuitry and cooling fan.

4. SETUP

Follow these steps to set up your FOVAL Travel Voltage Converter:

1. **Connect Power Cord:** Insert the detachable 5-foot Type B AC power cord into the converter's input port.
2. **Select Adapter:** Identify the correct international adapter for the country you are in. The included adapters are Type C (most of EU), Type A/I (US, Japan, AUS, New Zealand), Type L (Italy), Type G (UK, Ireland), and Type D (India).
3. **Attach Adapter:** Firmly attach the selected international adapter to the Type B AC power cord plug.
4. **Plug into Wall:** Plug the assembled power cord with the international adapter into the wall outlet.
5. **Power On:** Press the power button on the converter unit. The indicator light will illuminate.

Your browser does not support the video tag.

Video: This video demonstrates the features and setup of the FOVAL 2000W Travel Voltage Converter, including its various ports and international compatibility.

5. OPERATING INSTRUCTIONS

Once the converter is powered on, you can connect your devices.

5.1 Using AC Outlets

- **2000W AC Outlet (Hair Dryer/Iron Only):** This dedicated outlet is for high-power mechanical devices up to 2000W, such as traditional hair dryers and electric kettles. Ensure your device has a simple mechanical switch and no electronic controls.
- **200W AC Outlets:** The two other AC outlets are for low-power devices with a total combined output of up to 200W. These are suitable for curling irons, hair straighteners, laptops, iPads, electric toothbrushes, shavers, and other small electronics.

Important Note: Do not plug electronic-controlled devices (e.g., Dyson hair dryers, coffee makers with digital displays, smart appliances) into any AC outlet of this converter, as it may cause damage to the device or the converter.

5.2 Using USB Charging Ports

The converter includes three USB-A ports and one USB-C port for charging your mobile devices.

- **USB-A Ports:** Each USB-A port can charge devices up to 2.4A.
- **USB-C Port:** The USB-C port supports Power Delivery (PD) up to 18W, charging devices up to 3A.
- **Total USB Output:** The total maximum output for all USB ports combined is 18W.

Connect your USB-powered devices directly to the appropriate USB port using their charging cables.

6. TROUBLESHOOTING

If you encounter issues with your converter, refer to the following common problems and solutions:

- **Converter Not Powering On:**
 - Ensure the power cord is securely connected to both the converter and the wall outlet.
 - Verify the wall outlet is active and providing power.
 - Check if the power button on the converter is pressed.
- **Device Not Charging/Working:**
 - Confirm your device is compatible with 110V.
 - Check if the device's power consumption exceeds the outlet's limit (2000W for the dedicated outlet, 200W total for the other two AC outlets).
 - Ensure the device is a mechanical motor type if using the 2000W outlet. Electronic-controlled devices are not compatible.
 - For USB charging, ensure your cable is functional and the device is properly connected.
- **Converter Shuts Down Automatically:**
 - This indicates a safety protection mechanism has been activated (e.g., over-heating, overload, short-circuit).
 - Unplug all devices and the converter from the wall. Allow it to cool down if it feels hot.
 - Reduce the number of connected devices or ensure total wattage does not exceed limits.
 - Inspect devices and cables for any damage that might cause a short circuit.
- **International Adapter Not Fitting Securely:**
 - Ensure you have selected the correct adapter type for the country's wall outlet.
 - Some outlets may be worn or have a loose fit. Try a different outlet if available.
 - Ensure the adapter is fully inserted and stable.

7. SPECIFICATIONS

Feature	Specification
Brand	FOVAL
Model Number	SGR-LXC2000-6
Input Voltage	AC 100-240 Volts
Output Voltage	AC 110 Volts
2000W AC Socket	1 (for mechanical hair dryers/irons only)
200W AC Sockets	2 (total output 200W max)
USB-A Output	3 ports, 2.4A max each
USB-C Output	1 port, PD 18W max (5V/3A, 9V/2A, 12V/1.5A)
Total USB Output	18W max
Number of Outlets	7 (3 AC, 4 USB)
Plug Types Included	Type C, A/I, L, G, D
Item Dimensions (L x W x H)	5.9 x 1.37 x 3.3 inches
Item Weight	0.33 Kilograms
Color	White

8. MAINTENANCE

To ensure the longevity and proper functioning of your converter:

- **Cleaning:** Disconnect the converter from power before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the converter and its accessories in the provided velvet bag in a cool, dry place when not in use.
- **Inspection:** Periodically inspect the power cord and converter for any signs of damage. Do not use if damaged.

9. WARRANTY AND SUPPORT

The FOVAL 2000W Travel Voltage Converter comes with an **18-month manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact FOVAL customer service through the retailer where you purchased the product or visit the official FOVAL website for contact information.

