

Nilox NXGCLI12001X7V2

Nilox UPS Premium Line Interactive 1200 VA User Manual

Model: NXGCLI12001X7V2

1. INTRODUCTION

Thank you for choosing the Nilox UPS Premium Line Interactive 1200 VA. This Uninterruptible Power Supply (UPS) is designed to protect your electronic devices from power outages, voltage fluctuations, and electrical disturbances, ensuring stable power delivery and allowing for safe shutdown during extended blackouts. This manual provides essential information for the safe and efficient operation of your UPS.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in damage to the unit, connected equipment, or personal injury.

- Do not open the UPS casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Do not connect appliances that could overload the UPS, such as laser printers, vacuum cleaners, or heaters.
- Ensure the UPS is connected to a grounded power outlet.
- Do not expose the UPS to water, excessive humidity, or extreme temperatures. Operate in a well-ventilated area.
- In case of fire, use a dry chemical fire extinguisher. Water may cause electrical shock.
- The internal battery is not user-replaceable. Battery replacement should only be performed by qualified service personnel.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Nilox UPS.

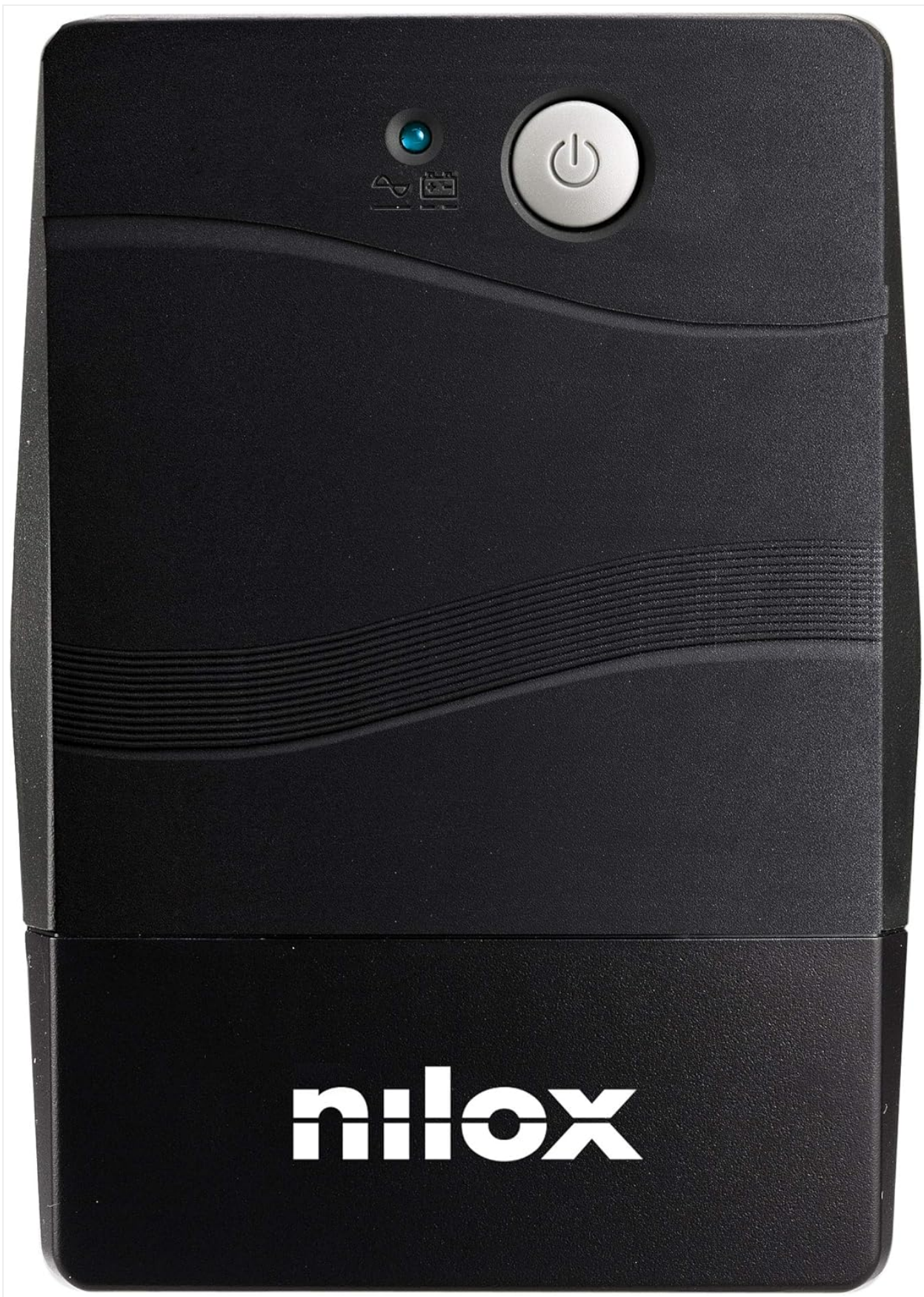


Figure 3.1: Front View. This image displays the front panel of the UPS, featuring the power button and LED indicators for operational status.



Figure 3.2: Rear View. This image shows the back of the UPS, highlighting the two output sockets for connecting devices and the USB port for PC/Server connection.



Figure 3.3: Overall Product View. A comprehensive view of the UPS, illustrating its compact tower form factor suitable for various environments.

Front Panel Indicators:

- **Power Button:** Used to turn the UPS on or off.
- **LED Indicators:** Display the operational status, such as AC mode, battery mode, fault, or low battery. Consult the specific LED pattern in the troubleshooting section for detailed meanings.

Rear Panel Connections:

- **Output Sockets:** Two sockets providing battery backup and surge protection for connected devices.
- **USB Port:** For connecting the UPS to a computer or server to enable monitoring and automatic shutdown software.
- **Input Power Cord:** Connects the UPS to the main AC power supply.

4. SETUP

Follow these steps to set up your UPS for the first time:

1. **Unpacking:** Carefully remove the UPS from its packaging. Inspect for any shipping damage.
2. **Placement:** Place the UPS in a cool, dry, and well-ventilated indoor environment, away from direct sunlight, heat sources, and excessive dust. Ensure adequate clearance around the unit for proper airflow.
3. **Initial Charging:** Before connecting any devices, plug the UPS into a standard wall outlet and allow it to charge for at least 8 hours. This ensures the internal battery is fully charged and ready to provide optimal backup time.
4. **Connecting Devices:** After the initial charge, connect your computer, monitor, and other critical peripherals to the output sockets on the rear of the UPS. Ensure the total power consumption of connected devices does not exceed the UPS's capacity (840 Watts / 1200 VA).
5. **Software Installation (Optional):** For advanced monitoring and automatic shutdown features, connect the USB cable from the UPS to your computer. Install the UPS management software, which is compatible with Windows, Mac OS X (up to version 10.8), Unix, and Linux. Refer to the software's documentation for installation and usage instructions.

5. OPERATING INSTRUCTIONS

Turning the UPS On/Off:

- **To Turn On:** Press and hold the power button on the front panel for approximately 3 seconds until you hear a beep and the LED indicators illuminate.
- **To Turn Off:** Press and hold the power button for approximately 3 seconds until you hear a beep and the LED indicators turn off.

Understanding Operational Modes:

- **AC Mode:** When the UPS is connected to a stable AC power source, it operates in AC mode, providing filtered power to connected devices and charging the battery.
- **Battery Mode:** During a power outage or significant voltage fluctuation, the UPS automatically switches to battery mode, providing power from its internal battery. An audible alarm will sound, and the corresponding LED indicator will light up.
- **Automatic Voltage Regulation (AVR):** The built-in AVR system automatically corrects minor voltage fluctuations (sags or surges) without switching to battery power, thus prolonging battery life.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your UPS.

- **Battery Care:** To maximize battery life, ensure the UPS is always connected to an AC outlet to keep the battery charged. If the UPS is stored for an extended period, recharge it every three months to prevent battery discharge.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the UPS. Do not use liquid or aerosol cleaners.
- **Ventilation:** Regularly check that the ventilation openings are clear of dust and debris to prevent overheating.
- **Battery Replacement:** The internal lead-acid battery has a limited lifespan. If the UPS's backup time significantly decreases, the battery may need replacement. Contact qualified service personnel for battery replacement.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
UPS does not turn on.	No AC input; Low battery; Power button not pressed long enough.	Ensure UPS is plugged into a live outlet. Allow battery to charge for 8 hours. Press and hold power button for 3 seconds.
UPS beeps continuously in AC mode.	Overload; Internal fault.	Reduce connected load. If problem persists, contact support.
UPS switches to battery mode frequently.	Unstable AC power; High sensitivity setting.	Check building wiring. If using software, adjust sensitivity settings.
Short backup time.	Battery not fully charged; Battery nearing end of life; Overload.	Allow battery to fully charge. Reduce connected load. Consider battery replacement if old.
USB communication not working.	Incorrect cable; Driver issue; Software not installed.	Ensure correct USB cable is used. Reinstall UPS management software and drivers.

If the problem persists after trying these solutions, please contact Nilox customer support.

8. SPECIFICATIONS

Key technical specifications for the Nilox UPS Premium Line Interactive 1200 VA:

Feature	Specification
Model Number	NXGCLI12001X7V2
Capacity	1200 VA / 840 Watts
Input Voltage	233 Volts (Nominal)

Feature	Specification
Output Sockets	2 (Battery Backup & Surge Protected)
Battery Type	Sealed Lead Acid
Typical Recharge Time	8 Hours to 90% capacity
Typical Backup Time (Full Load)	7 minutes
Dimensions (L x W x H)	32 x 22 x 14 cm
Weight	3.6 kg
Form Factor	Tower
Connectivity	USB

9. WARRANTY AND SUPPORT

Warranty Information:

The Nilox UPS Premium Line Interactive 1200 VA comes with a **3-year on-site warranty** on electronic parts. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Nilox customer support.

Refer to the official Nilox website or your product packaging for the most current contact information.

When contacting support, please have your product model number (NXGCLI12001X7V2) and purchase date ready.