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### Nilox NXGCLISW3K2X9V2

## NILOX SAI PREMIUM L.I SINEWAVE 3000VA User Manual

Model: NXGCLISW3K2X9V2 | Brand: Nilox

### 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Nilox SAI Premium Line Interactive Sinewave 3000VA Uninterruptible Power Supply (UPS). This device is designed to protect small networks, workstations, computers, and peripherals from power outages and electrical disturbances, ensuring the longevity of connected devices and data integrity.

The UPS features a perfect sine wave output in backup mode, an Automatic Voltage Regulator (AVR) for intelligent voltage management, and an LCD display for real-time monitoring of operational parameters. Please read this manual thoroughly before installation and use.

### 2. SAFETY INSTRUCTIONS

Observe the following safety precautions to prevent injury and damage to the UPS or connected equipment:

- Do not open the UPS casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Do not install the UPS in direct sunlight, near heat sources, or in environments with excessive dust, humidity, or corrosive substances.
- Ensure the UPS is connected to a grounded AC power outlet.
- Do not connect non-computer related equipment such as medical equipment, life support equipment, or household appliances to the UPS.
- Ensure adequate ventilation around the UPS. Do not block ventilation openings.
- In case of fire, use a dry chemical fire extinguisher. Do not use water.
- Disconnect the UPS from the AC power outlet before cleaning or performing any maintenance.

### 3. PACKAGE CONTENTS

Carefully unpack the UPS and check the contents. The package should contain:

- Nilox SAI Premium L.I Sinewave 3000VA UPS Unit
- User Manual (this document)
- Power cables (may vary by region, typically includes input power cable and output cables)
- USB communication cable (for software monitoring)

If any items are missing or damaged, please contact your dealer immediately.

## 4. PRODUCT OVERVIEW

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### 4.1 Front Panel



The front panel features the LCD display and the power button. The LCD provides real-time status updates, including input/output voltage, battery level, load percentage, and operational mode. The power button is used to turn the UPS on and off.

## 4.2 Rear Panel



The rear panel includes the AC input, multiple output sockets (IEC C13), a USB communication port, and ventilation

fan. There are 6 output sockets in total, providing power to connected devices. The USB port allows connection to a computer for monitoring and management via the ViewPower software.

### 4.3 LCD Display



The LCD display provides comprehensive information about the UPS status:

- **Input Voltage:** Displays the incoming AC voltage.
- **Output Voltage:** Displays the voltage supplied to connected devices.
- **Battery Level:** Indicates the current charge level of the internal batteries.
- **Load Percentage:** Shows the percentage of the UPS's capacity currently being used by connected devices.
- **AC Mode:** Indicates the UPS is operating on utility power.
- **Battery Mode:** Indicates the UPS is operating on battery power (during a power outage).
- **Overload:** Warning indicator if the connected load exceeds the UPS capacity.
- **Low Batt:** Warning indicator for low battery charge.
- **Fault:** General fault indicator.

## 5. SETUP

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1. **Unpack the UPS:** Remove the UPS from its packaging and inspect it for any shipping damage.
2. **Placement:** Place the UPS in a cool, dry, and well-ventilated area, away from direct sunlight, heat sources, and excessive dust or moisture. Ensure there is sufficient space around the unit for proper airflow.
3. **Connect to AC Power:** Connect the UPS's input power cable to a grounded wall outlet. The UPS will begin charging its internal batteries. For optimal performance, allow the UPS to charge for at least 8 hours before connecting any devices.
4. **Connect Devices:** Plug your computer, monitor, and other critical peripherals into the output sockets on the rear panel of the UPS. Do not overload the UPS beyond its rated capacity (2100W).
5. **Initial Power On:** Press and hold the power button on the front panel for a few seconds until the UPS powers on and the LCD display illuminates.
6. **Software Installation (Optional):** For advanced monitoring and management, connect the UPS to your computer via the USB cable and install the ViewPower software. The software can be downloaded from the official Nilox website.

## 6. OPERATING INSTRUCTIONS

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## 6.1 Powering On/Off

- **To Power On:** Press and hold the power button on the front panel for approximately 3 seconds until you hear a beep and the LCD display turns on.
- **To Power Off:** Press and hold the power button for approximately 3 seconds until the LCD display turns off. Ensure all connected devices are safely shut down before powering off the UPS.

## 6.2 Understanding UPS Modes

- **AC Mode:** The UPS is receiving utility power and providing conditioned power to connected devices. The batteries are being charged or maintained.
- **Battery Mode:** During a power outage or significant voltage fluctuation, the UPS automatically switches to battery power to continue supplying power to connected devices. The LCD will indicate 'Batt. Mode' and an audible alarm may sound.
- **AVR Mode:** The Automatic Voltage Regulator (AVR) automatically corrects minor voltage fluctuations (sags or surges) without switching to battery power, thus preserving battery life.

## 6.3 ViewPower Software

The ViewPower software allows you to monitor the UPS status, configure settings, and perform controlled shutdowns of connected systems. Connect the UPS to your computer via the USB port and download the software from the official Nilox website. Refer to the software's help documentation for detailed instructions.

## 7. MAINTENANCE

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### 7.1 Battery Replacement

The Nilox SAI Premium 3000VA UPS uses two 9Ah sealed lead-acid batteries. The typical lifespan of UPS batteries is 3-5 years, depending on usage and environmental conditions. When batteries need replacement, the UPS may indicate a 'Low Batt' or 'Fault' condition more frequently, or the backup time may significantly decrease.

**Replacement Battery Code:** 17NXBA9A00001 - 17NXBA9A00001T.

**Caution:** Battery replacement should only be performed by qualified service personnel. Batteries can pose a risk of electrical shock and burns from high short-circuit current. Always disconnect the UPS from the AC power and turn it off before attempting any battery maintenance. Dispose of old batteries properly according to local regulations.

### 7.2 Cleaning

To clean the exterior of the UPS, use a soft, dry cloth. Do not use liquid or aerosol cleaners. Ensure the UPS is disconnected from the AC power outlet before cleaning. Keep ventilation openings clear of dust and debris to ensure proper cooling.

## 8. TROUBLESHOOTING

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This section addresses common issues you might encounter with your UPS. If the problem persists after following these steps, please contact Nilox support.

Problem	Possible Cause	Solution
UPS does not turn on	No AC input power; Low battery; UPS fault	Check AC power connection; Allow UPS to charge for 8 hours; Contact support if fault persists.

Problem	Possible Cause	Solution
No power output to devices	UPS in fault mode; Overload; Output circuit breaker tripped	Check LCD for fault indicators; Reduce connected load; Reset output circuit breaker if present.
UPS beeps continuously or frequently	Operating on battery; Low battery; Overload; UPS fault	This is normal during power outages; Allow battery to charge; Reduce connected load; Check LCD for fault.
LCD shows 'Overload'	Connected load exceeds UPS capacity	Immediately disconnect non-essential devices to reduce the load.
Short backup time	Batteries not fully charged; Batteries nearing end of life; Excessive load	Allow UPS to charge for 8 hours; Consider battery replacement; Reduce connected load.

## 9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	NXGCLISW3K2X9V2
Capacity	3000VA / 2100W
Input Voltage	230 Volts
Output Voltage	237 Volts (AC Mode)
Waveform (Battery Mode)	Pure Sine Wave
Battery Type	Sealed Lead-Acid
Battery Quantity & Amperage	2 x 9Ah
Recharge Time	Approximately 8 hours to 90% capacity
Output Sockets	6 x IEC C13
Communication Port	USB
Dimensions (L x W x H)	49 x 29 x 23 cm
Weight	13.3 kg
Material	Metal
Form Factor	Tower

## 10. WARRANTY AND SUPPORT

The Nilox SAI Premium L.I Sinewave 3000VA UPS comes with a **3-year warranty** on electronic parts. This warranty includes a convenient pickup and return service, ensuring that any necessary repairs or replacements are handled efficiently without additional cost for collection or delivery of the product.

For technical support, warranty claims, or further assistance, please visit the official Nilox website or contact your

local Nilox service center. Ensure you have your product model number (NXGCLISW3K2X9V2) and proof of purchase available when contacting support.

## Related Documents

 <p>Uninterruptible Power Supply UPS PREMIUM LI-LI SINEWAVE 2000 VA UPS PREMIUM LI-LI SINEWAVE 3000 VA Handle with care User's manual</p>	<p><a href="#"><u>Nilox UPS Premium SineWave 2000/3000 VA User Manual</u></a> Comprehensive user manual for Nilox UPS Premium SineWave models (2000 VA and 3000 VA), detailing installation, operation, maintenance, and troubleshooting for reliable power protection.</p>
 <p>Handle with care User's manual</p>	<p><a href="#"><u>Nilox PS300 Portable Power Station User Guide</u></a> User guide for the Nilox PS300 Portable Power Station, detailing its features, specifications, usage instructions, charging methods, troubleshooting tips, security advice, and environmental information.</p>
 <p>Handle with care User's manual</p>	<p><a href="#"><u>Nilox Electric Scooter V1 User Manual: Safety, Operation, and Maintenance Guide</u></a> Comprehensive user manual for the Nilox Electric Scooter V1, covering safety instructions, operation, assembly, maintenance, troubleshooting, and technical specifications. Learn how to safely operate and care for your Nilox electric scooter.</p>
 <p>Handle with care User's manual</p>	<p><a href="#"><u>Nilox NXAIRPUMP Portable Electric Air Compressor Instruction Manual</u></a> This manual provides comprehensive instructions for the Nilox NXAIRPUMP Portable Electric Air Compressor, covering setup, operation, features, troubleshooting, and safety guidelines for efficient and reliable use.</p>

Documents - Nilox – NXGCLISW3K2X9V2

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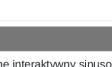


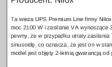
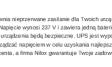


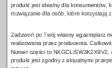
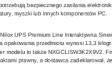












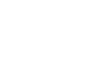
















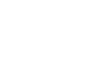






























































































































































































































































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