EPYC NT-800

EPYC NYTRO 1500VA/900W Pure Sine Wave UPS User Manual

Model: **NT-800** | Brand: **EPYC**

1. Introduction and Overview

The EPYC NYTRO 1500VA/900W is a Line Interactive Uninterruptible Power Supply (UPS) designed to provide stable and reliable power to sensitive electronic devices. Featuring pure sine wave output, it is suitable for gaming PCs, Mac computers, game consoles, and other equipment with active Power Factor Correction (PFC) power supplies. This UPS protects against power outages, voltage fluctuations, and surges, ensuring continuous operation and safeguarding your valuable electronics.

2. Safety Information

- **Placement:** Position the UPS in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Ensure adequate clearance around the unit for proper airflow.
- **Power Connection:** Connect the UPS directly to a grounded wall outlet. Do not use extension cords or power strips with the UPS input.
- **Load Capacity:** Do not overload the UPS. The total power consumption of connected devices must not exceed the UPS's rated capacity (900 Watts for this model).
- **Battery Handling:** The UPS contains sealed lead-acid batteries. Do not attempt to open or service the battery compartment unless you are a qualified technician. Refer to local regulations for proper battery disposal.
- **Emergency Shutdown:** In case of an emergency, immediately disconnect the UPS from the wall outlet and all connected devices.
- **Liquid and Foreign Objects:** Prevent liquids or foreign objects from entering the UPS casing.

3. Package Contents

Upon unpacking, verify that all items listed below are present and undamaged:

- EPYC NYTRO 1500VA/900W UPS Unit
- Power Cable (Schuko plug integrated)
- USB Communication Cable
- User Manual



Image: EPYC NYTRO UPS unit with its packaging, power cables, USB cable, and user manual.

4. Product Features

- **Pure Sine Wave Output:** Provides clean and stable power, perfectly compatible with gaming PCs, Mac computers, and all other devices featuring active Power Factor Correction (PFC), such as pellet stoves, workstations, 3D printers, and stereo systems.
- **Ideal for Gaming Consoles:** The pure sine wave technology makes this UPS ideal for all new-generation consoles equipped with modern active PFC power supplies.
- **Monitoring Software:** Includes dedicated, free software compatible with all major operating systems (Windows, macOS, Linux). This software allows you to monitor key functional parameters and configure automatic shutdown options.
- **Internal Voltage Stabilizer (AVR):** As a Line Interactive UPS, the NYTRO constantly stabilizes the output voltage using Automatic Voltage Regulation (AVR) technology. This protects sensitive equipment from network fluctuations and reduces risks of overload, short circuit, or overheating.
- **Modem, Router, and Phone Protection:** Equipped with a dual RJ11/RJ45 port, the UPS filters your telephone/modem line, cleaning the signal from common network disturbances.
- **Outlets:** The NYTRO 1500VA UPS features 2 Schuko outlets (also compatible with Italian plugs) and 3 standard IEC outlets. All 5 outlets provide battery backup protection for connected devices. The power cable has a Schuko plug and is integrated into the UPS system.



Image: Diagram illustrating the EPYC NYTRO UPS features and connectivity options.

5. Setup

Follow these steps to set up your EPYC NYTRO UPS:

1. **Initial Charging:** Connect the integrated power cable of the UPS to a wall power outlet. Allow the UPS to charge for a minimum of 8 hours before turning it on or connecting any devices. This ensures maximum battery life and optimal performance.
2. **Connect Devices:** Once the UPS is fully charged, connect the devices you wish to protect to the outlets located on the rear panel of the UPS. Ensure that the total power consumption of all connected peripherals does not exceed the nominal power of the UPS (900 Watts for the NYTRO 1500VA model).
3. **Connect Data Lines (Optional):** If you wish to protect your modem, router, or telephone line, connect them to the RJ11/RJ45 ports on the rear of the UPS.
4. **Connect USB (Optional):** For monitoring and advanced control, connect the USB communication cable from the UPS to your computer. Install the dedicated monitoring software.



Image: Visual guide for connecting the power cable, devices, and turning on the UPS.

6. Operating Instructions

6.1 Turning the UPS On/Off

- **To Turn On:** Press and hold the front power button for approximately 2 seconds. Release the button when you hear an audible "click" sound, followed by a beep. The light around the button will illuminate, indicating the UPS is active. If the light does not illuminate, repeat the operation.
- **To Turn Off:** Press and hold the front power button until the UPS powers down.

6.2 LCD Display

The front LCD display provides essential information about the UPS status, including:

- Input Voltage
- Output Voltage
- Battery Charge Level
- Load Percentage
- Operating Mode (e.g., AC mode, Battery mode)

The LCD screen automatically turns off after one minute. To reactivate it, briefly press the power button. To keep the screen continuously on, press and hold the power button for 10 seconds.



Image: Front view of the EPYC NYTRO UPS with its LCD display.

6.3 Monitoring Software

The included monitoring software allows for comprehensive management of your UPS. Connect the UPS to your computer via the USB cable to:

- Monitor real-time UPS status and parameters.
- View power event logs (e.g., power outages, voltage fluctuations).
- Configure automatic shutdown options for your computer during extended power outages.
- Adjust alarm settings and sound notifications.



Image: EPYC NYTRO UPS with its monitoring software displayed on a laptop.

7. Maintenance

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

- **Battery Life:** The internal lead-acid batteries typically have a lifespan of 3 to 4 years, depending on usage and environmental conditions. Regular power outages and frequent battery usage can shorten this lifespan.
- **Battery Replacement:** Battery replacement is not intended for end-users due to the need to disassemble the product, which can be hazardous. Contact qualified service personnel for battery replacement.
- **Cleaning:** Keep the UPS clean and free from dust. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or solvents. Ensure ventilation openings are not obstructed.
- **Storage:** If storing the UPS for an extended period, ensure it is fully charged, then disconnect it from the power source. Recharge the UPS every 3-6 months to prevent battery discharge and damage.

8. Troubleshooting

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

Problem	Possible Cause	Solution
UPS does not turn on	No input power; Battery discharged; Power button not pressed correctly.	Ensure the power cable is securely connected to a live wall outlet. Allow the UPS to charge for 8 hours. Press and hold the power button for 2 seconds until a click and beep are heard.
Short backup time	Battery not fully charged; Battery nearing end of life; Overload.	Ensure initial 8-hour charge. Reduce the number of connected devices. Consider battery replacement if the unit is old.
Continuous beeping	UPS operating on battery power (power outage); Overload.	Save work and shut down devices during a power outage. Reduce connected load if an overload alarm sounds.
Loud beeping on startup/shutdown	Normal operation sound.	This is a normal operational sound. The monitoring software may offer options to adjust alarm volume or disable certain alerts.
UPS makes noise during operation	Internal fan operation; Transformer hum.	The UPS includes an internal fan for cooling, which may produce some noise. A slight hum from the transformer is also normal during operation.

9. Specifications

Feature	Specification
Model Number	NT-800
Capacity	1500VA / 900W
Input Voltage	230 Volts (AC)
Output Voltage	230 Volts
Frequency Range	50 Hz (± 3 Hz)
Battery Type	Lead-Acid (2 x 12V included)
Charging Time	8 Hours
Dimensions (D x W x H)	29.8 cm x 14.8 cm x 17.8 cm
Weight	10.51 kg
Output Outlets	2 x Schuko, 3 x IEC
Communication Ports	RJ11/RJ45, USB
Material	Polycarbonate (PC)

Feature	Specification
Color	Black
Manufacturer	EPYC
Country of Origin	Italy



Image: Rear panel of the EPYC NYTRO UPS, detailing its various ports and outlets.

10. Warranty and Support

10.1 Warranty Information

The EPYC NYTRO UPS comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact EPYC customer support. Refer to the contact information provided on the official EPYC website or your purchase documentation.
You can visit the EPYC store on Amazon for more information: EPYC Amazon Store

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.

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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