EPYC NT-800

EPYC NYTRO Pure Sine Wave UPS

Model: NT-800 (800VA / 480 Watt)

1. Introduction

Thank you for choosing the EPYC NYTRO Pure Sine Wave Line Interactive Uninterruptible Power Supply (UPS). This device is designed to provide reliable power backup and protection for your sensitive electronic equipment, including gaming PCs, MAC computers, gaming consoles, and other devices with active Power Factor Correction (PFC).
This manual provides essential information for the safe and efficient operation of your UPS. Please read it thoroughly before installation and use, and keep it for future reference.

2. Safety Information

- **Read all instructions:** Before operating the UPS, read all safety instructions and operating instructions.
- **Grounding:** The UPS must be connected to a grounded AC power outlet.
- **Indoor use only:** This UPS is intended for indoor use only. Do not install or operate this unit outdoors.
- **Avoid moisture:** Do not operate the UPS in areas with excessive humidity or near water.
- **Ventilation:** Ensure proper ventilation. Do not block any ventilation openings.
- **Power off before servicing:** Disconnect the UPS from the AC power supply before performing any maintenance or cleaning.
- **Battery handling:** Batteries contain hazardous energy. Servicing of batteries should be performed or supervised by personnel knowledgeable about batteries and the required precautions.
- **Overload:** Do not connect appliances that exceed the UPS's rated capacity (480 Watts).

3. Package Contents

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

- EPYC NYTRO 800VA/480W UPS Unit
- USB Communication Cable

- User Manual



Image: EPYC NYTRO 800VA UPS packaging and included accessories.

4. Product Overview

4.1 Front Panel



Image: EPYC NYTRO 800VA UPS, front view with LCD display.

- **Power Button:** Used to turn the UPS on or off.
- **LCD Display:** Shows real-time status information such as input/output voltage, battery level, load level, and operational mode.

4.2 Rear Panel



Image: Rear panel of the EPYC NYTRO 800VA UPS showing Schuko outlets, RJ11/RJ45 ports, USB port, and circuit breaker.

- **Schuko Outlets (x2):** Provide battery backup and surge protection for connected devices. These are also compatible with Italian plugs.
- **RJ11/RJ45 Ports (IN/OUT):** Provide surge protection for telephone/modem/network lines.
- **USB Port:** For connecting to a computer to use the monitoring software.
- **Circuit Breaker:** Provides overload protection. Resettable.

5. Setup

5.1 Initial Charging

1. Connect the integrated power cable of the UPS to a grounded wall outlet.
2. Allow the UPS to charge for at least 8 hours before initial use. This ensures the internal batteries reach their maximum capacity and life.

5.2 Connecting Devices

1. Ensure the UPS is turned off before connecting any devices.
2. Connect the devices you wish to protect to the Schuko outlets on the rear of the UPS.
3. The total power consumption of all connected devices must not exceed 480 Watts. Refer to your device manuals for power consumption details.

5.3 Connecting Data Lines (Optional)

To protect your telephone, modem, or network line from surges:

1. Connect the incoming telephone/modem/network line to the RJ11/RJ45 "IN" port on the rear of the UPS.
2. Connect a cable from the RJ11/RJ45 "OUT" port on the UPS to your telephone, modem, or network device.



Image: Diagram illustrating the setup and power-on process for the EPYC NYTRO 800VA UPS.

6. Operating Instructions

6.1 Turning On the UPS

1. After initial charging and connecting your devices, press and hold the front power button for approximately 2 seconds.
2. Release the button when you hear an audible signal followed by a "click".
3. A white light around the button will illuminate, confirming the UPS is on. If not, repeat the operation.

6.2 Turning Off the UPS

To turn off the UPS, press and hold the power button until the unit powers down.

6.3 Understanding the LCD Display

The LCD display provides real-time information about the UPS status. Common indicators include:

- **Input Voltage:** The voltage received from the wall outlet.
- **Output Voltage:** The voltage supplied to your connected devices.
- **Battery Level:** Indicates the remaining battery charge.
- **Load Level:** Shows the percentage of the UPS's capacity being used by connected devices.
- **Operating Mode:** Indicates if the UPS is operating on AC power, battery power, or AVR mode.

6.4 Battery Backup Operation

In the event of a power outage, the UPS will automatically switch to battery power, providing continuous power to your connected devices. An audible alarm will sound, and the LCD will indicate battery mode. This allows you time to save your work and safely shut down your equipment.

6.5 Automatic Voltage Regulation (AVR)

The NYTRO UPS features AVR technology, which automatically stabilizes fluctuating input voltage without switching to battery power. This protects your devices from sags and surges, ensuring a stable power supply.

7. Monitoring Software

The UPS includes dedicated software compatible with Windows, Mac, and Linux operating systems. This software allows you to:

- Monitor key functional parameters of the UPS.
- View input/output voltage, battery status, and load.
- Set automatic shutdown options for your computer during extended power outages.

To install the software, connect the UPS to your computer using the provided USB cable and follow the instructions in the software's installation guide (usually available for download from the manufacturer's website).



Image: Screenshot of the EPYC UPS monitoring software interface.

8. Maintenance

8.1 Battery Care

- **Initial Charge:** Ensure the UPS is fully charged for 8 hours before first use.
- **Regular Use:** To maintain battery health, allow the UPS to discharge and recharge periodically (e.g., once every 3 months) by unplugging it from the wall and letting it run on battery power until it reaches a low battery state, then plug it back in.
- **Storage:** If storing the UPS for an extended period, ensure it is fully charged and recharge it every 3 months to prevent battery degradation.

8.2 Cleaning

Use a soft, dry cloth to clean the exterior of the UPS. Do not use liquid or aerosol cleaners. Ensure the UPS is turned off and unplugged before cleaning.

9. Troubleshooting

Problem	Possible Cause	Solution
UPS does not turn on.	Low battery or no AC input.	Ensure the UPS is plugged into a live wall outlet and charged for at least 8 hours. Check the power button press duration.
UPS beeps continuously in battery mode.	Low battery warning.	Save your work and shut down connected devices immediately. The UPS will shut down shortly.
UPS is overloaded.	Total power consumption of connected devices exceeds 480W.	Disconnect non-essential devices. Ensure total load is within the UPS's capacity.
Circuit breaker tripped.	Overload or short circuit.	Reduce the load or check for short circuits. Press the circuit breaker button on the rear panel to reset.
No power to connected devices.	UPS is off, battery depleted, or outlets are not active.	Ensure the UPS is on. Check battery level. Verify devices are plugged into battery-backed outlets.

10. Specifications

Feature	Specification
Model Number	NT-800
Capacity	800VA / 480 Watt
Input Voltage	230 Volt (AC)
Output Voltage	230 Volt (AC)
Output Current	2.09 Ampere
Battery Type	Sealed Lead Acid

Feature	Specification
Battery Charge Time	8 Hours
Outlets	2 x Schuko (Battery Backup & Surge Protected)
Data Line Protection	RJ11/RJ45 (IN/OUT)
Communication Port	USB
Dimensions (D x W x H)	28.6 x 9.6 x 13.8 cm
Color	Black
Casing Material	Plastic
Form Factor	Compact

11. Warranty and Support

11.1 Product Warranty

This EPYC NYTRO UPS comes with a**2 Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

11.2 Technical Support

For technical assistance, troubleshooting, or warranty claims, please contact EPYC customer support. Refer to the official EPYC website or your purchase documentation for the most up-to-date contact information.
When contacting support, please have your product model (NT-800) and purchase date available.

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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