

Nedis UPSD2000VBK

Nedis UPSD2000VBK Uninterruptible Power Supply (UPS) 2000 VA / 1200 W User Manual

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Nedis UPSD2000VBK Uninterruptible Power Supply. Please read these instructions carefully before installation and use, and retain them for future reference. This UPS is designed to provide backup power and protect your electronic devices from power outages, surges, and fluctuations.

SAFETY INSTRUCTIONS

- **Indoor Use Only:** This UPS is designed for indoor use in a controlled environment. Do not expose it to rain, snow, or direct sunlight.
- **Ventilation:** Ensure adequate ventilation around the UPS. Do not block ventilation openings. Maintain at least 20 cm of clearance from walls or other obstructions.
- **Power Source:** Connect the UPS to a properly grounded AC power outlet. Do not remove the grounding prong.
- **Overload:** Do not overload the UPS. The total power consumption of connected equipment must not exceed the UPS's rated capacity (1200 W).
- **Battery Safety:** The UPS contains internal batteries. Do not attempt to open the UPS casing or service the batteries yourself. Refer all servicing to qualified personnel.
- **Liquid Contact:** Avoid placing liquids on or near the UPS. In case of accidental spillage, immediately disconnect the UPS from the power source and contact support.
- **Emergency Disconnect:** Ensure the AC power outlet for the UPS is easily accessible for quick disconnection in an emergency.

PRODUCT OVERVIEW

The Nedis UPSD2000VBK is a compact and efficient uninterruptible power supply. Familiarize yourself with its components before proceeding with installation.



Figure 1: Front and side view of the Nedis UPSD2000VBK. This image displays the main power button and the vertical strip of LED indicators on the front panel, along with ventilation grilles on the side.

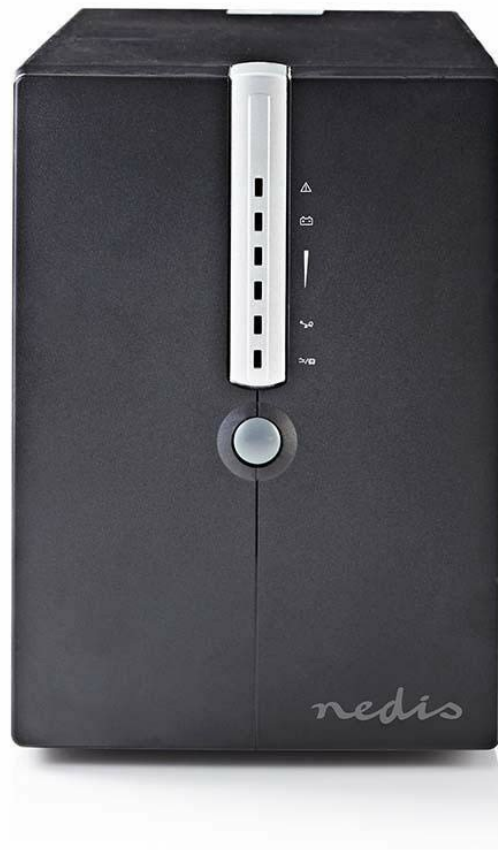


Figure 2: Rear view of the Nedis UPSD2000VBK. This image highlights the four power outlets, the USB communication port, and the RJ45 network protection ports (IN/OUT), along with the main power input and cooling fan.

Key Components:

- **Front Panel:** Power button, LED status indicators (AC mode, battery mode, fault, battery level).
- **Rear Panel:** AC input, 4 x Schuko output sockets, USB communication port, RJ45 network protection ports (IN/OUT).
- **Internal:** Sealed lead-acid batteries, inverter, charger, control circuitry.

SETUP

1. Unpacking

- Carefully remove the UPS from its packaging.
- Inspect the unit for any shipping damage. If damage is found, do not operate the unit and contact your dealer.

2. Placement

- Place the UPS on a flat, stable surface in a well-ventilated area.
- Avoid locations with excessive dust, humidity, or extreme temperatures.
- Ensure the ambient temperature is between 0°C and 40°C (32°F and 104°F).

3. Connecting Devices

1. Connect the UPS power cord to a grounded wall outlet.
2. Plug your computer, monitor, and other critical devices into the output sockets on the rear of the UPS. Ensure the total load does not exceed 1200 W.
3. *Optional:* Connect a USB cable from the UPS to your computer for monitoring software functionality (software not included, typically available from manufacturer's website).
4. *Optional:* Connect network cables through the RJ45 IN/OUT ports to protect your network devices from surges.

4. Initial Charging

For optimal performance, charge the UPS for at least 8 hours before initial use. Leave the UPS connected to the AC power outlet with no load connected during this period.

OPERATING

1. Turning 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 indicators light up.
- **To Turn Off:** Press and hold the power button for approximately 3 seconds until you hear a beep and the indicators turn off.

2. Understanding Indicators and Alarms

The front panel features LED indicators and an audible alarm to communicate the UPS status:

- **AC Mode (Green LED):** Solid green indicates the UPS is operating on utility power and charging the battery.
- **Battery Mode (Yellow LED):** Flashing yellow indicates the UPS is operating on battery power. An audible alarm will sound periodically.
- **Fault (Red LED):** Solid red indicates a fault condition. Refer to the troubleshooting section. An audible alarm may sound continuously.
- **Battery Level Indicators:** A series of LEDs typically indicates the remaining battery capacity.

3. Battery Mode Operation

When utility power fails, the UPS automatically switches to battery mode, providing power to connected devices. The duration of battery backup depends on the load connected. During battery mode, save your work and shut down your equipment properly to prevent data loss.

MAINTENANCE

1. Battery Care

- To maximize battery life, keep the UPS connected to an AC outlet at all times.
- Perform a full discharge/recharge cycle every 3-6 months if the UPS is rarely used on battery power.
- Batteries are consumable items and will eventually require replacement. Contact qualified service personnel for

battery replacement.

2. Cleaning

- Disconnect the UPS from the AC power outlet and all connected devices before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces. Do not use liquid or aerosol cleaners.
- Ensure ventilation openings are free from dust and debris.

3. Storage

- If storing the UPS for an extended period, turn it off and disconnect it from all power sources.
- Store in a cool, dry place.
- Recharge the UPS battery every 3 months to prevent battery degradation.

TROUBLESHOOTING

Review the following common issues and solutions before contacting technical support.

Problem	Possible Cause	Solution
UPS does not turn on.	No AC input power. Battery deeply discharged.	Check AC power cord connection. Ensure wall outlet has power. Allow UPS to charge for 8 hours.
UPS beeps continuously in AC mode.	Overload condition. Internal fault.	Reduce connected load. Disconnect non-essential devices. If problem persists, contact support.
UPS switches to battery mode frequently.	Unstable utility power. Low battery capacity.	Check utility power quality. Allow battery to fully charge. Consider battery replacement if old.
Connected devices lose power during outage.	UPS overloaded. Battery depleted.	Ensure total load is within capacity. Allow UPS to recharge.

SPECIFICATIONS

Feature	Specification
Model	UPSD2000VBK
Brand	Nedis
Capacity	2000 VA / 1200 W
Input Voltage	120 Volt (AC)
Output Sockets	4 (Schuko type)
Dimensions (L x W x H)	14.5 x 40 x 20.5 cm
Weight	30 kg
Battery Type	Sealed Lead-Acid (internal, non-user replaceable)
Charging Time	8 hours to 90% capacity (typical)
Operating Temperature	0°C to 40°C

Feature	Specification
Humidity	0-90% RH (non-condensing)
Communication Port	USB
Network Protection	RJ45 (IN/OUT)

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Nedis website. Do not attempt to repair the unit yourself, as this may void your warranty and pose safety risks. Always contact qualified service personnel for assistance.

