ComX Computers
Product Specification Sheet

ZA-UPS1000

Microworld ZA-Tech 1000VA / 500WLine-Interactive UPS

Product Overview

Microworld ZA-Tech 1000VA / 500WLine-Interactive UPS, Capacity of 1000VA / 500W Backup Power, Input Voltage range of 145-290v (5%), Output Voltage of 200-255v, Equipped with one 12V 9Ah sealed Lead Acid Battery, Simulated Sine Wave Output Waveform, Built-In Automatic Voltage regulation (AVR) Function







Specifications

Summary Overview:

Protect your essential electronics with the Microworld zA-tech 1000VA/500W Line-Interactive UPS, model ZA-UPS1000 . Designed specifically for South African homes and offices, this reliable power backup solution safeguards your desktop computers, Wi-Fi routers, CCTV systems, and POS equipment against sudden outages and voltage fluctuations. Featuring built-in Automatic Voltage Regulation (AVR) and fast charging technology, it ensures your devices stay running smoothly even when the grid fails.

With an LCD display for real-time monitoring and multiple safety protections including overload and short circuit defense, this unit offers peace of mind for small servers and home office setups. Don't risk data loss or hardware damage; secure your investment today by buying now from our online store and experience uninterrupted power performance.

Performance tier: Standard Home & Office Protection

Uses: Desktop computers, Wi-Fi routers, Fiber ONTs, CCTV DVR/NVR systems, POS terminals, small servers, networking equipment

Overview:

Protect your essential electronics and ensure continuous operation with the Microworld ZATECH ZA-UPS1000, a reliable line-interactive UPS designed for both home offices and retail environments. This unit delivers 1000VA of backup power capacity, equating to 500W of usable energy, making it an ideal safeguard against unexpected power outages or fluctuations that could damage your devices. Whether you are running desktop computers, office workstations, or sensitive networking gear like Wi-Fi routers and CCTV DVR systems, this power conditioner keeps your data safe and your workflow uninterrupted.

The ZA-UPS1000 integrates Automatic Voltage Regulation (AVR) to stabilize incoming voltage, ensuring that connected equipment receives a consistent 200-255V output even when input fluctuates between 145V and 290V. This robust protection extends the lifespan of your hardware by filtering out surges and sags before they can cause harm. The device supports fast charging technology to minimize downtime, allowing the built-in 12V 9Ah sealed lead-acid battery to recharge quickly once power is restored.

Description

The Microworld ZATECH ZA-UPS1000 (Part Number: ZA-UPS1000) provides essential backup power for small servers, POS systems, and home office electronics.

- Simulated sine wave output suitable for most standard electronics
- Built-in automatic voltage regulation (AVR) prevents damage from fluctuations
- Automatic restart capability ensures systems reboot as soon as mains power returns
- Overload and short circuit protection mechanisms safeguard connected devices

Designed with practicality in mind, this UPS includes two AC output ports to power multiple devices simultaneously while maintaining stable voltage. The compact form factor fits easily on a desk or under a workstation without taking up excessive space. Safety is paramount, so the unit includes comprehensive protection against short circuits and overloads, giving you peace of mind when leaving your equipment running overnight or during storms.

Features:

Technical Specifications

The ZA-UPS1000 operates as a line-interactive unit with specific voltage handling capabilities tailored for standard household and office power supplies. Below are the core technical details that define its performance and compatibility.

- Model: ZA-UPS1000
- Type: Line-interactive UPS
- Total Capacity: 1000VA / 500W
- Input Voltage Range: 145V to 290V (+/-5%)
- Output Voltage: 200V to 255V
- Battery Configuration: One 12V 9Ah sealed lead-acid battery
- Waveform Type: Simulated sine wave

This power backup solution is particularly well-suited for environments where consistent electricity is critical but not guaranteed. Small servers and networking equipment benefit from the stable power delivery, while home users appreciate the audible alarms that alert them to potential issues before they become problems.

What's In The Box

- 1 x Microworld ZATECH ZA-UPS1000 Unit
- 1 x User Manual for setup and maintenance guidance

Specifications:

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Specifications	
Product Code	ZA-UPS1000
Product Type	Line-interactive UPS
Model	ZA-UPS1000
Capacity	1000VA / 500W
Input Voltage	145-290V (5%)
Output Voltage	200-255V
Battery	1 x 12V 9Ah Sealed Lead Acid Battery
Output	Waveform Simulated Sine Wave

FAQ

What types of devices are compatible with the Microworld zA-tech 1000VA Line-interactive UPS?

The ZA-UPS1000 is ideal for desktop computers, office workstations, Wi-Fi routers, fiber ONTs, CCTV DVR & NVR systems, POS systems, small servers, networking equipment, and home office electronics.

Does this unit support automatic voltage regulation to protect against power fluctuations?

Yes, the Microworld zA-tech 1000VA/500W Line-interactive UPS features built-in Automatic Voltage Regulation (AVR) to provide reliable protection against power fluctuations.

How many devices can I connect simultaneously to this UPS unit?

The ZA-UPS1000 is equipped with 2 AC ports, allowing you to connect two compatible electronic devices for backup power protection.

What kind of battery waveform does the Microworld zA-tech output during a power outage?

This model provides a Simulated Sine Wave output via its built-in 12V 9Ah Sealed Lead Acid Battery to ensure safe operation for connected electronics.

Will the UPS automatically restart my devices if the main power returns after an outage?

Yes, the unit includes automatic restart functionality that powers on your connected equipment once utility power is restored without requiring manual intervention.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/ZA-UPS1000-Microworld-ZA-Tech-1000VA-500WLine-Interactive-UPS-p-341254.php

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