

Niky 1000

3 100 04 - 3 100 13



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1. GENERAL FEATURES

The Legrand UPS Niky 1000 model is an uninterruptible power source with interactive line technology. It delivers a rated power of 1000VA, it is CPU-controlled and is equipped, internally, with valve-regulated, hermetically sealed lead accumulator batteries to guarantee a minimum uptime of 5 minutes at 80% of the load. The presence of an electronic stabiliser (AVR) inside the UPS provides the connected loads with effective protection against any interference in the electrical mains.

It also guarantees an uninterrupted power supply, thanks to the RJ11/ RJ45 sockets, guaranteeing excellent telephone/fax/modem/ LAN line protection.

This UPS is available in two versions with different types of output sockets:

- Version 3 100 04: six IEC output sockets + USB port
- Version 3 100 13: two standard German sockets plus two IEC sockets + RS232

The UPS can be connected to a PC through serial port RS232 on connector DB9 or through the USB allowing you to monitor its operation, thanks to the free software, and perform an emergency shutdown of the Windows / Linux operating systems.

NIKY 1000 is managed by a microprocessor and is able to display the following alarms and operating modes through four status LEDs:

- normal operation
- battery-powered operation
- overloaded
- generic anomaly
- back-up time
- end of uptime

The NIKY 1000 Static Uninterruptible Power Supply bears the CE marking, pursuant to Directives 73/23, 93/68, 89/336, 92/31, 93/68, and is designed and built in compliance with the following standards:

- EN 62040-1 "General and safety requirements for UPSs used in areas that are accessible to the operator"
- EN 62040-2 "Electromagnetic Compatibility requirements (EMC)"
- EN 62040-3 "Performance and test method requirements".

2. TECHNICAL FEATURES

General Features	
Nominal power (VA)	1000
Active power (W)	600
Technology	Line-interactive VI
Waveform	Pseudo-Sinusoidal

Input	
Input voltage	230 V
Input frequency	50-60 Hz
Input Voltage Range	160V-290V

Output	
Output voltage	230V ± 10%
Output frequency (nominal)	50/60 Hz +/-1%
THD Output voltage	< 3% with linear load

Batteries	
Number of batteries	2
Battery series Type/Voltage	12V, 7Ah

Communication and Management	
Display and Signals	Four LEDs to monitor the status of the UPS in real time.
Protection for the telephone	RJ11/RJ45
Remote Management	USB Port or RS232 Port

Mechanical Features	
Measurements H x L x D (mm)	239x147x354
Net Weight (kg)	13

Environmental Conditions	
Operating temperature (°C)	0 ÷ 40°C
Relative humidity (%)	0÷95 % non-condensing
Noise level at 1 m (dBA)	< 40
Degree of protection	IP20

Certifications	
Standards	EN62040-1, EN62040-2, EN62040-3