

Niky S 1000

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1. GENERAL FEATURES

The Legrand UPS NIKY S 1000 model is an uninterruptible power source with interactive line technology and sinusoidal output. It delivers a rated power of 1000VA – 600W, is managed by a microprocessor, is equipped with integrated self-diagnostics and works on cold-start.

NIKY S 1000 is internally equipped with valve-regulator, hermetically sealed, lead accumulator batteries to guarantee a minimum uptime of 9 minutes at 80% of the load. The batteries can be easily replaced thanks to a specific door located on the front of the UPS.

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, offering excellent telephone/fax/modem/LAN protection.

This UPS has 6 IEC output sockets.

NIKY S 1000 can be connected to a PC through the USB and Serial RS232 port allowing you to monitor its operation, thanks to the free software, and carry out an emergency shutdown of Windows and Linux operating systems.

Through the 3-button control panel, the LCD screen and 3 status LEDs, it can display the following alarms and operating modes:

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

The NIKY S 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	Sinusoidal

Input	
Input voltage	230 V ± 12% when powered from the mains ± 5% when battery-powered
Input frequency	50-60 Hz
Input Voltage Range	160V-290V

Output	
Output voltage	230V ± 10%
Output frequency (nominal)	50/60 Hz +/-0.2%
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 buttons and four LEDs to monitor the status of the UPS in real time
Protection for the telephone	RJ11/RJ45
Remote Management	available through USB and RS232 port

Mechanical Features	
Measurements H x L x D (mm)	247x173x369
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

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