

Niky 800

3 100 03 - 3 100 10 - 3 100 01 - 3 100 23



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1. GENERAL FEATURES

The Legrand UPS Niky 800 model is an uninterruptible power source with interactive line technology. It delivers a rated power of 800VA, 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, offering excellent telephone/fax/modem/LAN protection.

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

- Version 3 100 03: three IEC output sockets, 1 filtered IEC socket
- Version 3 100 10: a standard German socket plus an IEC socket
- Version 3 100 01: a standard German socket
- Version 3 100 23: one french belgium standard sockets plus two IEC sockets + USB

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

NIKY 800 is managed by a microprocessor and is able to display the following alarms and operating modes through two status LEDs:

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

The NIKY 800 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) | 800 |
| Active power (W) | 400 |
| Technology | Line-interactive VI |
| Waveform | Pseudo-Sinusoidal |

| Input | |
|---------------------|-----------------|
| Input voltage | 230 V |
| Input frequency | 50-60 Hz +/- 3% |
| 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 | 1 |
| Battery series Type/Voltage | 12V, 9Ah * |

| Communication and Management | |
|------------------------------|--------------------------------------------------------|
| Display and Signals | Two LEDs to monitor the status of the UPS in real time |
| Protection for the telephone | RJ11/RJ45 |
| Remote Management | USB port |

| Mechanical Features | |
|-----------------------------|------------|
| Measurements H x L x D (mm) | 171x95x349 |
| Net Weight (kg) | 7.5 |

| 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 |

* 310001 battery 12V, 7Ah