

# NUPS23-6/10 (U)KVA Series

## Niveo Professional True Sine Wave Double-Conversion Online Rack/Tower UPS

*NUPS23-6,000(U)- 6.0KVA/6,000W*
*NUPS23-10,000(U)-10.0KVA/10,000W*

**More information:**
***WWW.NIVEOPROFESSIONAL.COM***


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# Product Specification

### Introduction

Ranging from 6KVA to 10KVA, NUPS23 provides server-grade full power protection from power failure, spikes and surge in small footprint with 3-level charging method and enhanced output power factor 1.0. Combining flexible rack form factor and LCD panel design, this series is perfect for high demanding AV, networking, telecom, server and mission-critical applications.

- **Clean power output**
- **No delay for batteries to kick in during black-outs**
- **Remote manageable**
- **Switchable outlets**

### Features

- True Sine Wave double-conversion online
- Output power factor 1.0
- User-friendly and easy-shift LCD design
- Rack/Tower design
- ECO and advanced ECO mode for energy saving
- Output voltage regulation < 1%
- Programmable power management outlets
- Emergency power off function (EPO)
- Hot-swappable battery design
- Multiple communication available

# Specifications

| Capacity | | 6kVA/6kW | 10kVA/10kW |
|---|---|---|---|
| Input | Input mode | Single phase + Ground | |
| | Power factor | ≥0.99@ 100% load | |
| | rating voltage | 100/110/115/120/127 or VAC208/220/230/240Vac | |
| | rating frequency | 50Hz/60Hz（auto sensing） | |
| | Voltage range | 110~286Vac | |
| | Frequency range | 40~70Hz | |
| | Bypass voltage range | 220Vac max：10%，15%，20% or 25%，default：25%<br>230Vac max：10%，15% or 20%，default +20%<br>240Vac max：+10% or 15%，default +15% | |
| | | min：20%, 30% or 45%, default 45% | |

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| | | |
|---|---|---|
| | Bypass frequency range | ±1%、±2%、±4%、±5%、±10% |
| | THDI | ≤3%（100% linear load， input THDV ≤1%） |
| | | ≤5% （100% non liner load， input THDV ≤1%） |
| battery | Battery number | 20pc |
| | Battery type | 7AH12V or 9AH12V |
| | Charge model | Boost charge or float charge auto switch |
| | Charge time | 7 hours recover to 90% capacity |
| | Charge current(A) | 1A（S）/10A（H） |
| output | Output type | Single phase + Ground |
| | Output precision | ±1.0%； |
| | Voltage distortion （THD） | ≤2% at 100% liner load |
| | | ≤5% at 100% non-liner load |
| | Rating voltage | 208/220/230V/240Vac |
| | + transformer module | 100/110/115/120/127Vac ( for U versions only) |
| | Frequency precision | ±0.1% |
| | Rating Frequency | 50Hz/60Hz |
| | Frequency track speed | 1Hz/s |
| | Wave form | Pure Sinewave |
| | Overload （PF1.0） | 105%~110% 10min |
| | | 110%~130% 1min |
| | | ≥130% 200ms |
| | Peak value factor | 3:1 |
| | Efficiency at normal | 92% |
| | Dynamic respond | 5.0% |
| | | 20ms |
| | DC heft | ≤500mV |
| Switch time | Between Normal mode and battery mode | 0ms |
| | Between inverter and bypass | 0ms |
| | | unlock：＜15ms (50Hz), ＜13.33ms (60Hz) |
| Noise | | <55dB（1m） |
| Display | | LCD+LED |
| Safety | | Meeting IEC62040-1 GB4943。 |
| Max input voltage | | 320Vac，1Hr |
| EMI | | Conduction ：IEC 62040-2 |
| | | Radiation ：IEC 62040-2 |
| | | Harmonics ：IEC 62040-2 |
| EMS | | IEC 62040-2 |
| MTBF | | 250,000Hr 1+1 400,000Hr |
| MTTR | | 30min |
| Isolation resistance | | > 2MΩ（500Vdc） |

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| | |
|---|---|
| Isolation intension | 2820Vdc, <3.5mA, 1min |
| Surge | Meeting IEC60664-1 1.2/50uS+8/20uS 6kV/3kA. |
| Protection | IP20 |

# DIMENSIONS

| module | dimensions |
|---|---|
| 6KVA/10KVA UPS base unit | 440x88x625 mm ( 19"*2U*27") |
| 6KVA Transformer Module (100/110/115/120/127Vac) | 440x86.5x685mm ( 19"*2U*27)"(2U ISO Trans.) |
| 10KVA Transformer Module (100/110/115/120/127Vac) | 440x131x685mm ( 19"*3U*27)"(3U ISO Trans.) |
| Battery Module 20 units | 440x131x685mm ( 19"*3U*27)" |

# NUPS23-SNMP

## SNMP card for NUPS23-series



### Main Features

- Allows control and monitoring of multiple UPSs through RJ-45 network connection
- Real-time dynamic graphs of UPS data (voltage, frequency, load level, battery level)
- Warning notifications via audible alarm, broadcast, mobile messenger, e-mail and SNMP traps
- Historic data log stored in centralized PC database
- Simple firmware upgrade with one click
- Password security protection and remote access management

### Specifications

| | |
|---|---|
| Protocol Support | SNMP-V1, SNMP-V2 |
| UPS Slot Type | Golden Finger |
| Network Support | RJ45 10/100BaseT |
| Supported MIB | RFC1213, RFC1628, MIB |
| Supported OS | Windows family, Linux, MAC, and Solaris |
| Power Input | 12V |
| Power Consumption | 2 watt (max.) |
| Operating Temperature | 0 ~ 40°C |
| Operating Humidity | 0% ~ 95% |
| Dimension, D x W x H | 0.9 x 1.85 x 0.6 inch |
| Net Weight | 0.08lbs |

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