

NUPS22 Series

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

NUPS22-1000U - 1.0KVA/900W
NUPS22-3000U – 3KVA/2700W

More information:
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Product Specification

Introduction

Ranging from 1000VA to 3KVA, NUPS22 provides server-grade full power protection from power failure, spikes and surge in small footprint with enhanced output power factor 0.9. Combining flexible rack/tower form factor and easy-shift LCD panel design, this series is perfect for networking, telecom, server and mission-critical applications.

Features

- True Sine Wave double-conversion
- Output power factor 0.9
- User-friendly and easy-shift LCD design
- Rack/Tower design
- ECO and advanced ECO mode for energy saving
- Output voltage regulation < 1%
- Higher output crest radio 5:1
- Programmable power management outlets
- Emergency power off function (EPO)
- Hot-swappable battery design
- Multiple communication available

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Specifications

MODEL		NUPS22-1000U	NUPS22-3000U
Capacity	VA	1000 VA	3000 VA
	W	900 W	2700 W
INPUT			
Nominal Voltage		100*/110*/115*/120 VAC	
Input Voltage Range		110-120 VAC	
Voltage Range		55-150 VAC ± 5%	
Frequency Range		40Hz ~ 70 Hz	
Phase		Single phase with ground	
Power Factor		≧ 0.99 @ nominal voltage (100% load)	
OUTPUT			
Output Voltage		100*/110*/115*/120 VAC	
AC Voltage Regulation (Batt. Mode)		± 1%	
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.5% or 60Hz ± 0.5%	
Current Crest Ratio		5:1 (max.)	
Harmonic Distortion		≦ 2 % THD (Linear Load); ≦ 4 % THD (Non-linear load)	
Transfer Time	Line mode to Battery mode	Zero	
	Inverter to Bypass	4 ms (Typical)	
Waveform (Batt. Mode)		Pure Sinewave	
EFFICIENCY			
AC Mode		87%	89%
Battery Mode		85%	87%
ECO Mode		94%	97%
BATTERY			
Battery Type		12 V / 9 AH	12 V / 9 AH
Numbers		2	6
Typical Recharge Time		4 hours recover to 90% capacity	4 hours recover to 90% capacity
Charging Current (max.)		1.0 A	1.0 A
Charging Voltage		27.4 VDC ± 1%	82.1 VDC ±1%
INDICATORS			
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator	
ALARM			
Battery Mode		Sounding every 4 seconds	
Low Battery		Sounding every second	
Overload		Sounding twice every second	
Fault		Continously sounding	
PHYSICAL			
Dimension, D X W X H (mm)		380 x 438 x 88	600 x 438 x 88
Net Weight (kgs)		13,2	29,6
ENVIRONMENT			
Humidity		20-90 % RH @ 0- 40°C (non-condensing)	
Noise Level		Less than 50dBA @ 1 Meter	
MANAGEMENT			
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC	
Optional SNMP		Power management from SNMP manager and web browser	

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