



Left image from top to bottom:  
Rear of the connection unit (PDU)  
Back of the UPS  
Back of the battery pack



Above:  
All important information on a clear backlit and multilingual  
2.4" LC colour touch display

## NUPS23-6/10RM (U)KVA Series

**Niveo Professional True Sine Wave Double-Conversion 1-3 phase Online Rack UPS**

NUPS23-6,000RM(U)- 6.0KVA/6,000W

NUPS23-10,000RM(U)-10.0KVA/10,000W

**More information:**

[WWW.NIVEOPROFESSIONAL.COM](http://WWW.NIVEOPROFESSIONAL.COM)

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## Characteristics

The new NUPS 23- RM UPS system is one of the few 19“ systems with 1- 3-phase input and 1-phase output in 19“ design. With 6 kVA or 10 kVA output power at power factor 1 allows a setup of a highly available UPS system in 19“ cabinets. By parallel connection up to 4 systems can be combined to achieve n+x redundancy.

- ❗ **UPS classification VF1-SS-111 according to IEC 62040-3**
- ❗ **Online double converter with sine wave output switchable to ECO mode**
- ❗ **Power factor of 1.0**
- ❗ **Parallel redundant n+x operation possible**

## Specifications

NUPS23-RM series		6KVA	10KVA	
Power	Nominal Power in VA/W	60000	10000	
Autonomy Time	Standard configuration in min 100%/50% load	8/20	10/25	
Technology	On-Line double converter	VFI-SS-111 according to IEC 62040-3		
Phase	Input/Output	1-phase/1-phase or 3-phase/1 phase		
Input	Nominal voltage configurable	380/400/415VAC or 220/230/240/240VAC		
	Input Voltage Range	208~478VAC or 120~276VAC		
	Input frequency range	40-70Hz (autodetect)		
	Distortion (THDi)	<3% ( 100% linear load)		
Output	Output Voltage	220/230/240VAC		
	Power factor	1.0		
	Voltage regulation	+/- 1%		
	Frequency range	Main operation: 1%,2%,4%,5%,10% nominal frequency Battery operation: 50/60Hz +/- 0.2Hz		
	Transfer Time	0 ms		
	Overload Capability(battery Mode)	<110% 10 min, <125% 1min >150% immediate switch -off UPS		
	Overload Capability(line mode)	<110% 60min,<125% 10min >150% switch over to bypass		
	Voltage form	Sine wwave		
	Crest-factor	3:1		
	THD	<2% linear mode <5% non-linear mode		
	Efficiency	Normal mode	Max 93.5%	
	Battery	Type	Sealed lead fleece batteries	
Expected service life		5 years		
DC rated voltage		192-240VDC adjustable, standard		
Max. charging current standard		Max. 12A		



Communication	Interfaces	RS232, RS485, parallel, REPO, MAINTAIN AUXSWS port
	Slots for communication cards	1 x relay for SNMP
	Display	LCD Display and LEDs
Dimensions Weight	DimensionsUPS	3U 131x443x720mm
	Weigth	27kg
	Battery pack	3U 131x443x720mm
	Battery pack weight	80kg
	Connection unit	3U 131x443x720mm
Terminals UPS/Connection box	protection	IP20
Connections Battery	Input	Fixed connection on terminals
Environmental conditions	Output	Fixed connection on terminals
Protection/ Standards	Battery pack	0-40 Celsius
	Humidity	0-95% RH( non cond)
	safety	EN 62040
	EMC	EN 62040-2 ClassC3
	Standards	CE