

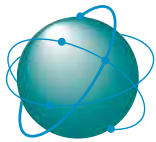
metartec
powering your future

METARTEC'S NANO VERSI

- **Microprocessor-based line interactive design**
NANO VERSI UPS is designed with a microprocessor controller for fast response to power disturbances.
- **Pure sine wave output**
With pure sine wave output, the NANO VERSI series guarantees compatibility for all kinds of loads. It's perfect power protection for versatile applications such as networking, telecom and other missioncritical applications.
- **User-friendly and easy-shift LCD display**
The front panel digital display can be easily shifted through the LCD setting to suit the installation format, either vertically stood or within a rack cabinet.
- **Rack/Tower design**
The NANO VERSI series is designed in true 2U universal-mount case. It can be easily installed as floor-standing tower or in 19-inch rackmount bracket.
- **Built-in boost and buck AVR**
With built-in voltage regulator, the UPS will maintain regulated nominal output without using battery power during brownouts and overvoltages.
- **Output power factor 0.8**
The NANO VERSI is a high-density UPS with an output power factor 0.8 to provide higher performance and efficiency to critical applications.
- **Hot-swappable battery design**
This design ensures clean and uninterruptible power to protected equipment during battery replacement.
- **Programmable power management outlets**
With programmable power management outlets, users can easily and independently control load segments. During power failure, this feature enables users to extend battery time to mission critical devices by shutting down the non-critical devices.
- **ECO operation for energy saving**
The ECO (Efficiency Corrective Optimizer) function allows cost-effective operation of UPS Systems as high as 98%. In this operation mode, load is supplied by the mains. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems.
- **Emergency Power Off Function (EPO)**
This feature can secure the personnel and equipment in case of fires or other emergencies.
- **Multiple communication available**
 - USB port
 - RS-232 port
 - SNMP slot (option)



Further details on the NANO VERSI and information on Metartec's complete range of critical power products and services can be viewed at www.metartec.com. Alternatively call us on 0845 50 40 444 or email info@metartec.com



MODEL		NANO VERSI 1.5kVA	NANO VERSI 3kVA
CAPACITY		1500 VA / 1200 W	3000 VA / 2400 W
INPUT			
Voltage		110/120 VAC or 208/220/230/240 VAC	
Acceptable Voltage Range		81-145 VAC or 162-290 VAC	
Frequency Range		60/50 Hz (auto sensing)	
OUTPUT			
Output Voltage		110/120 VAC or 208/220/230/240 VAC	
Voltage Regulation (Batt. Mode)		± 3 % (before battery alarm)	
Frequency Range (Batt. Mode)		50 Hz or 60 Hz ± 1 Hz	
Current Crest Ratio		3:1	
Harmonic Distortion		8% max @ 100% linear load, 15% max @ 100% non-linear load (before alarm)	
Transfer Time		Typical 2-6 ms, 10ms max.	
Waveform (Batt. Mode)		Pure Sinewave	
EFFICIENCY			
AC Mode		97%	97%
Buck & Boost Mode		90%	90%
Battery Mode		85%	87%
BATTERY			
Standard Model	Type & Number	12 V/7 Ah x 4	12 V/9 Ah x 6
	Charging Voltage	54.8 VDC ± 1%	82.1 VDC ± 1%
	Typical Recharge Time	4 hours recover to 90% capacity	
PROTECTION			
Full Protection		Overload, discharge, and overcharge protection	
INDICATORS			
LCD Display		AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery	
ALARM			
Battery Mode		Sounding every 10 seconds	
Low Battery		Sounding every second	
Overload		Sounding every 0.5 seconds	
Fault		Continuously sounding	
PHYSICAL			
Standard Model	Dimension, DxWxH (mm)	510 x 438 x 88	630 x 438 x 88
	Net Weight (kgs)	21.08	32.24
ENVIRONMENT			
Humidity		0-90 % RH @ 0- 40°C (non-condensing)	
Noise Level		Less than 45dB	
MANAGEMENT			
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC	
Optional SNMP		Power management from SNMP manager and web browser	

*Product specifications are subject to change without further notice

		NANO 1500 VERSI	NANO 3000 VERSI
Autonomy Time (minutes)	100% load	5.1	4.5
	75% load	8.7	7
	50% load	14.8	12
	25% load	33.4	27.2