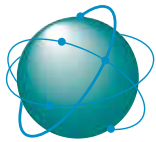## METARTEC'S NANO 1000 AND NANO 2000

- The NANO 1000VA and 2000VA are compact line interactive UPS's in tower format which have an excellent built-in microprocessor controller designed for fast response to power disturbances.

- This UPS series provides a pure sine wave and incorporates boost and buck voltage stabilization. This will maintain regulated nominal output without using battery power during brownouts and over voltages from 162-290V.

- Other functions include 'Auto Restart' after extended mains failure and 'Cold Start Function' which allows the NANO 1000VA and 2000VA UPS's to be started directly from battery without AC utility supply.

- The battery in the NANO 1000VA and 2000VA UPS can be charged in the 'Off Mode'.

- Metartec's NANO Series also have a built-in 'Super Smart Charger' to optimize battery performance. This is a two stage charger designed to guarantee battery discharge time by adjusting the charging voltage in relation to outside temperature.

- The NANO 1000VA and 2000VA will seamlessly link into your existing systems through the built-in USB communication port and RJ-45 network protection.

- Advanced networking software supports various operating systems in multiple languages.



**Further details on the NANO 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**

**metartec**
*powering your future*

| MODEL | NANO 1000VA | NANO 2000VA |
|---|---|---|
| CAPACITY | 1000 VA / 700 W | 2000 VA / 1400W |
| **INPUT** | | |
| Voltage | 110/120 VAC or 220/230/240 VAC | |
| Voltage Range | 81-145 VAC / 162-290 VAC | |
| Frequency Range | 60/50 Hz (auto sensing) | |
| **OUTPUT** | | |
| AC Voltage Regulation (Batt. Mode) | ±10% | |
| Frequency Range (Batt. Mode) | 50 Hz or 60 Hz ± 1 Hz | |
| Transfer Time | Typical 2-6 ms, 10ms max. | |
| Waveform (Batt. Mode) | Pure Sinewave | |
| **BATTERY** | | |
| Battery Type & Number | 12 V / 7Ah x 2 | 12 V / 10 Ah x 2 |
| Typical Recharge Time | 6 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 second | |
| Battery Replacement Alarm | Sounding every 2 seconds | |
| Fault | Continuously sounding | |
| **PHYSICAL** | | |
| Dimension, D x W x H (mm) | 350 x 146 x 160 | 397 x 146 x 205 |
| Net Weight (kgs) | 9.0 | 13.7 |
| **ENVIRONMENT** | | |
| Humidity | 0-90 % RH @ 0- 40°C (non-condensing) | |
| Noise Level | Less than 45dB | Less than 55dB |
| **MANAGEMENT** | | |
| USB & RS-232 Port | Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC | |

*Product specifications are subject to change without further notice

| | | NANO 1000VA | NANO 2000VA |
|---|---|---|---|
| **Autonomy Time (minutes)** | 100% load | 2 | 0.2 |
| | 75% load | 4.7 | 1 |
| | 50% load | 9 | 5 |
| | 25% load | 26 | 13 |

BS.DOC.047 Issue 2