

The **MicroMate** Static Power Inverter is Manufactured using proven CPU controlled high frequency PWM technology which provides highest level of reliability to meet the demand of today's telecommunications market. The inverting process offers efficiencies greater than 88% over the normal load range. In addition to reducing direct energy consumption, the cost of environmental conditioning is minimized. The pure sinewave inverter has extremely low electrical noise levels and thus is ideal for use in low noise applications.

The product meets all DC requirements of the ECC specification on DC weighted noise levels along with the relevant industrial standards. It is environmental friendly, high energy efficient, and equipped with all necessary features such as Thermal Protection, Output Over Current / Short-Circuit Protection, DC Low Pre-warning Buzzer and Auto Cut-Off and Status LEDs.

# MicroMate®

## 1000W Pure Sinewave Static Power Inverter



### TECHNICAL SPECIFICATIONS

Model	SN1000-48
Power Rated	1000W
Max Power	1050W
Surge Power	2000W
Output Current	4.16A
Input Data	DC 48V ±10%
Output Data	AC 240V ±3% (selectable 220V/230V), 1-ph, 50Hz ±0.1%
Waveform	Pure Sinewave
Output Distortion	≤ 3% THD (linear load)
Efficiency	>88%
Indications	LED for operating status and fault indication
Protection	Over Load, short circuit, over / low voltage
Power Outlet	BS1363 power socket
Cooling	Force Cooling
Ambient Temp.	-10°C ~ +50°C
Humidity	0 ~ 95% without condensation
Dimensions	W300 x D168 x H80 mm <sup>3</sup>
Weight	3.4KG

\* Due to the policy of continued product improvement, specifications are subject to change without notice.



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