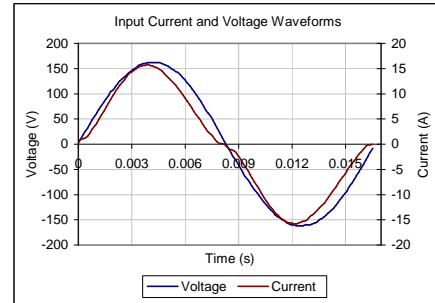


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>87.86%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.14%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	887.1
<b>Manufacturer</b>	BFG TECHNOLOGIES
<b>Model Number</b>	BFG MODEL: EX-1000 (BFGR1000WEXPSU)
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V & EPS12V
<b>Test Date</b>	9/10/2008

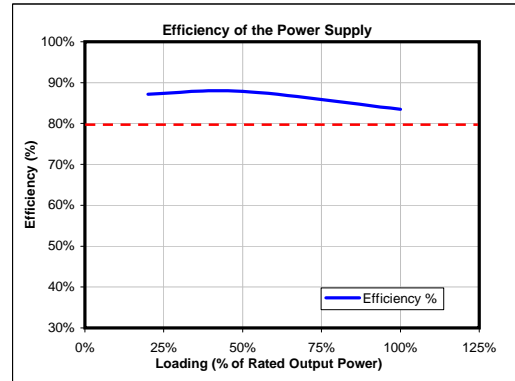
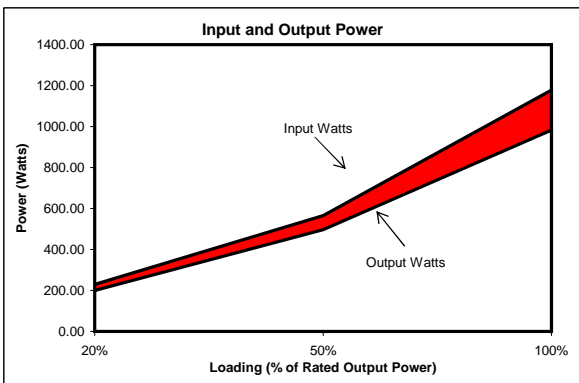


Input AC Current Waveform (ITHD = 15.51%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1000</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V) DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)						
2.00	0.9966	6.98%	20%	Light	229.82	12/15.1					200.25	87.13%
4.98	0.9872	15.51%	50%	Typical	565.64	11.9/37.8					496.96	87.86%
10.36	0.9889	12.72%	100%	Full	1178.20	11.8/75.5					983.10	83.44%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.