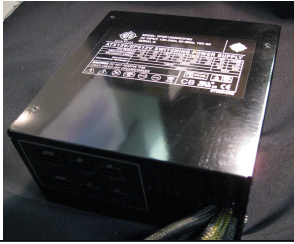
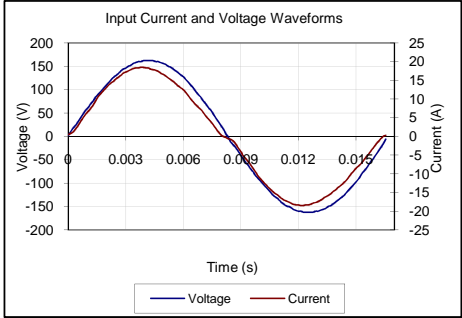


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.58%
AVERAGE EFFICIENCY :	85.59%
80 PLUS COMPLIANT:	YES



Ecos ID #	1394
Manufacturer	BFG TECHNOLOGIES
Model Number	EX-1200 (BFGR1200WEXPSU)
Serial Number	N/A
Year	2009
Type	ATX12V & EPS12V
Test Date	4/21/2009

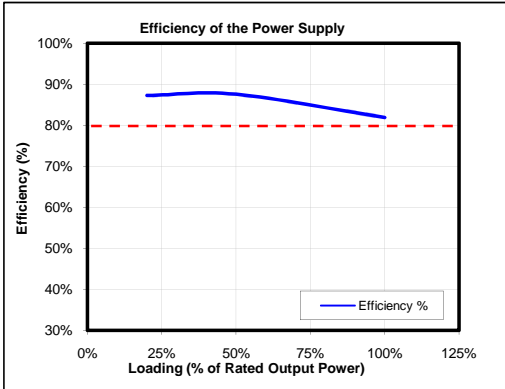
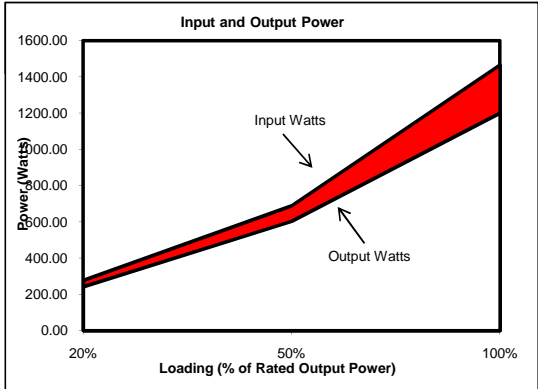


Input AC Current Waveform (ITHD = 5.79%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-8	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1200</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.)	-12V	3.3V	5V*	5VSB		
2.44	0.9882	10.68%	20%	Light	277.40	12.1/17.3	11.7/0.1	3.3/3.6	5/3.6	5/0.5	242.12	87.28%
6.01	0.9963	5.79%	50%	Typical	688.80	12.1/43.1	12/0.2	3.3/8.9	4.9/8.9	4.9/1.3	603.28	87.58%
12.80	0.9956	6.14%	100%	Full	1466.20	12/86.2	12/0.4	3.3/17.7	4.9/17.9	4.9/2.6	1200.79	81.90%



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.