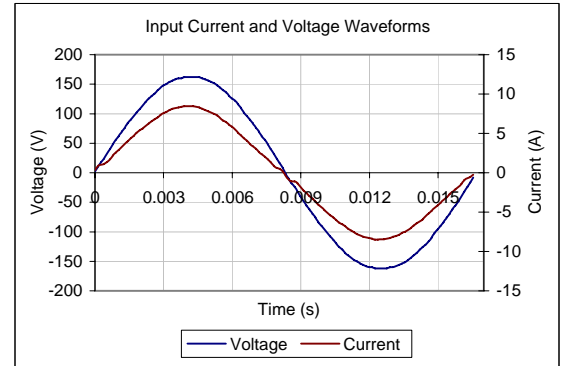


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	84.51%
AVERAGE EFFICIENCY :	82.50%
80 PLUS COMPLIANT:	YES

Ecos ID #	722.1
Manufacturer	BFG
Model Number	LS-550
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	7/16/2008

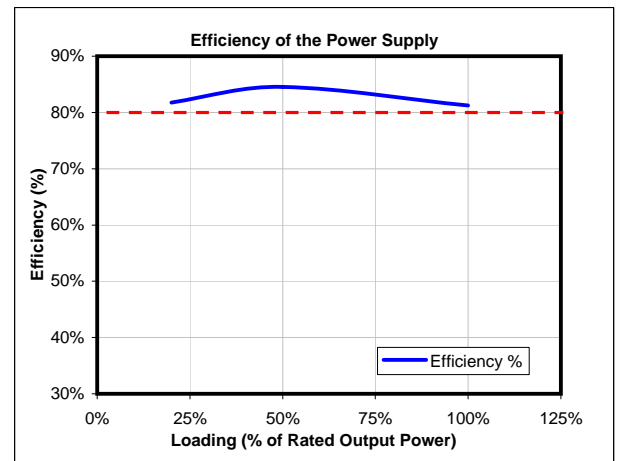
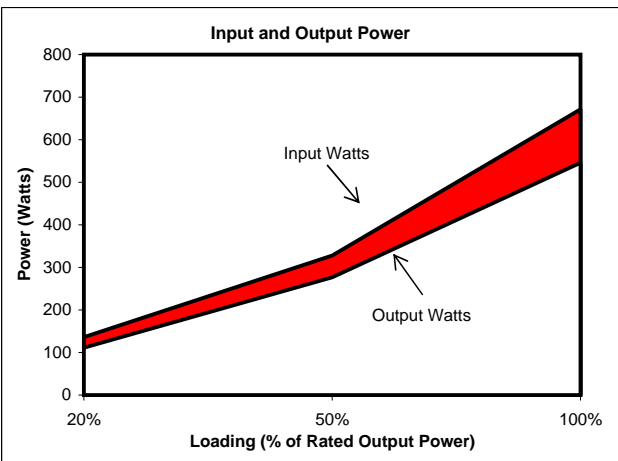


Input AC Current Waveform (ITHD = 6.98%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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

I _{RMS} A	PF	I _{THD} (%)	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
1.21	0.98	7.7%	20%	Light	136	48.7/6.8	12.2/0.1	3.3/2.5	5.1/3.1	4.9/0.6	112	81.74%
2.86	0.99	7.0%	50%	Typical	328	48.5/17.1	12.3/0.2	3.2/6.3	5/7.8	4.9/1.4	277	84.51%
5.85	1.00	5.3%	100%	Full	672	47.9/34.3	12.5/0.5	3.1/12.5	4.9/15.6	4.8/2.9	546	81.25%



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.