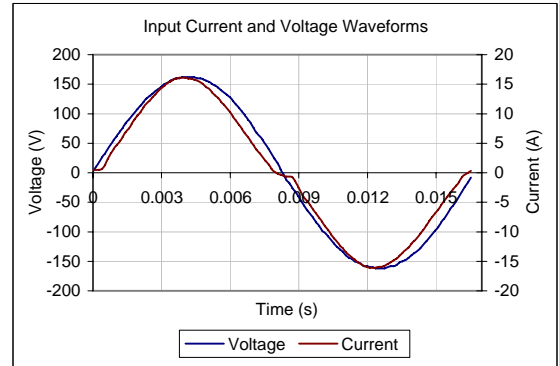


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	85.10%
AVERAGE EFFICIENCY :	83.13%
80 PLUS COMPLIANT:	YES

Ecos ID #	747.1
Manufacturer	FSP
Model Number	FSP980-80GCM
Serial Number	NA
Year	2008
Type	ATX12V & EPS12V
Test Date	5/28/2008

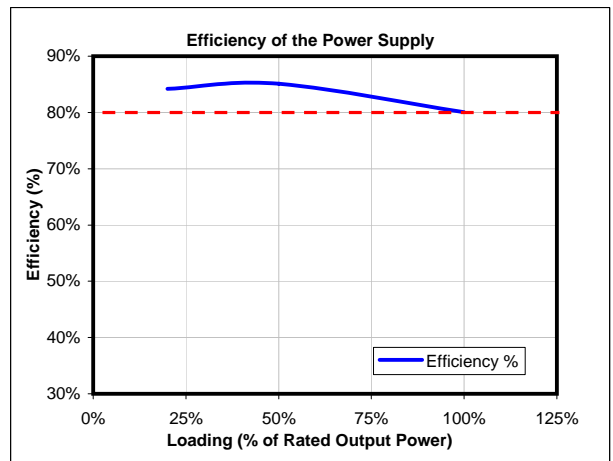
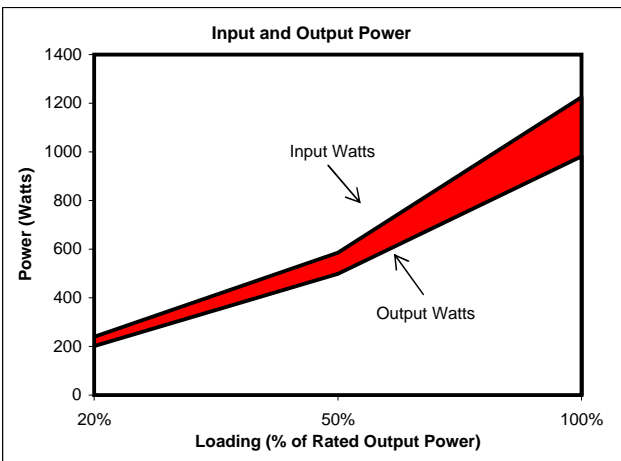


Input AC Current Waveform (ITHD = 17.76%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	14	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	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		
2.18	0.96	29.8%	20%	Light	240	12.1/13.4	12.1/0.2	3.3/4.2	5.1/4.2	5.1/0.6	202	84.22%
5.18	0.98	17.8%	50%	Typical	586	12/33.4	12.2/0.5	3.2/10.5	5/10.5	4.9/1.4	499	85.10%
10.72	0.99	10.8%	100%	Full	1225	11.8/66.8	12.3/0.9	3.1/20.8	4.9/21	4.7/2.8	981	80.06%



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.