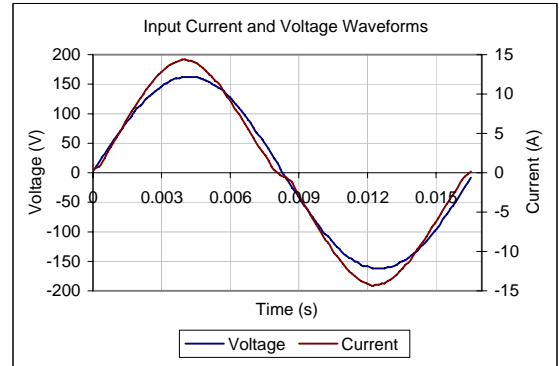


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	84.67%
AVERAGE EFFICIENCY :	82.78%
80 PLUS COMPLIANT:	YES

Ecos ID #	686.1
Manufacturer	FSP
Model Number	FSP880-80GCM
Serial Number	NA
Year	2008
Type	ATX12V & EPS12V
Test Date	5/23/2008

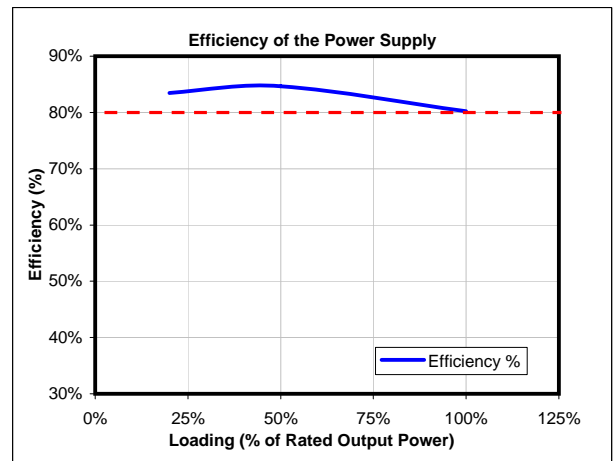
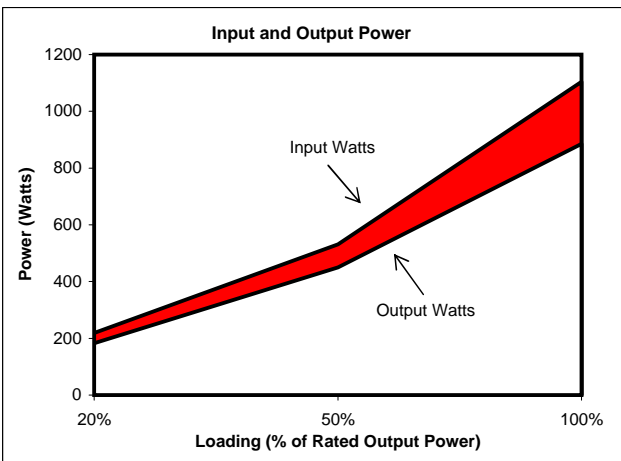


Input AC Current Waveform (ITHD = 14.16%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	13.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	900	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
1.95	0.97	20.4%	20%	Light	219	12.1/11.7	12.2/0.2	3.3/4.2	5.1/4.2	5.1/0.6	182	83.48%
4.68	0.99	14.2%	50%	Typical	532	12/29.3	12.3/0.5	3.2/10.5	5/10.5	4.9/1.4	450	84.67%
9.64	1.00	8.8%	100%	Full	1104	11.9/58.4	12.4/0.9	3.1/20.8	4.9/21	4.7/2.8	885	80.20%



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.