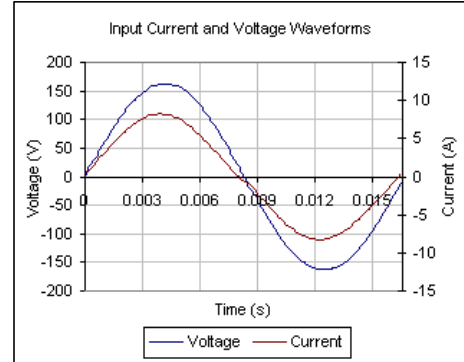


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	84.14%
AVERAGE EFFICIENCY :	83.21%
80 PLUS COMPLIANT:	YES

Ecos ID #	46
Manufacturer	FSP Group
Model Number	FSP550-80GHN
Serial Number	S5411100075
Year	2006
Type	ATX12V / EPS12V
Test Date	3/10/2006

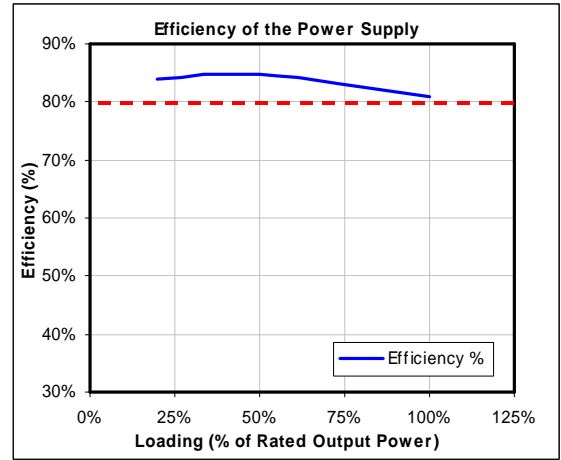
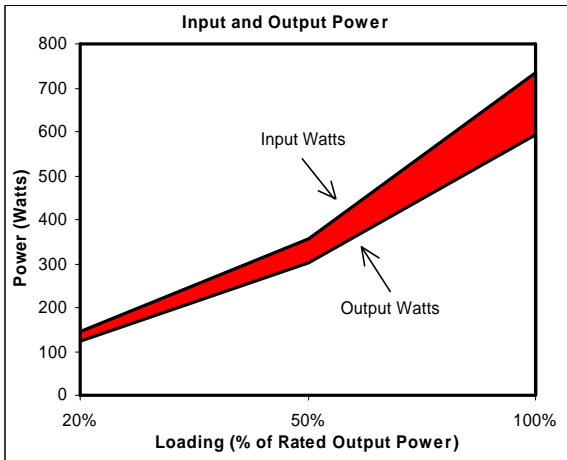


Input AC Current Waveform (I_{THD} = 9.6%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	4.5 - 8.5	Amps
Input Frequency	60 - 50	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 %
						12V1	12V2	12V3	12V4	-12V	3.3V	5V*	5VSB		
1.22	0.98	17.3%	20%	Light	138	12.4/1.9	12.4/1.9	12.4/1.9	12.4/1.9	12.5/0.05	3.3/2.2	5.2/1.8	5.1/0.3	113	81.98%
2.92	0.99	9.6%	50%	Typical	334	12.3/4.8	12.3/4.8	12.3/4.8	12.3/4.8	12.6/0.1	3.2/5.5	5.1/4.6	5.0/0.8	281	84.14%
5.90	1.00	5.6%	100%	Full	677	11.9/10.4	11.9/10.4	11.9/10.4	11.9/10.4	12.5/0.3	3.2/12.0	4.9/10.0	5.0/1.7	594	87.67%



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 small servers.



Tested by EPRI Solutions Inc., Knoxville, TN.