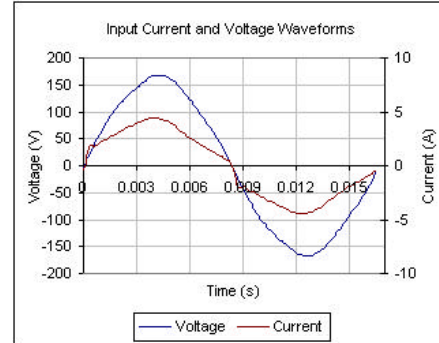


80 Plus Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	83.99%
AVERAGE EFFICIENCY :	82.43%
80 PLUS COMPLIANT:	YES



Ecos ID #	32
Manufacturer	FSP Group Inc.
Model Number	FSP300-60GNF
Serial Number	S5282002139
Year	2005
Type	ATX12V
Test Date	11/16/2005

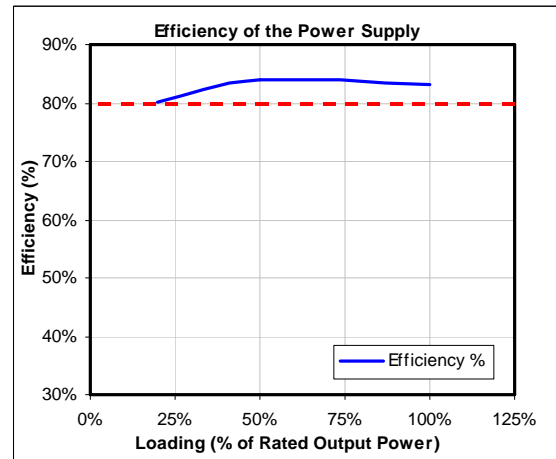
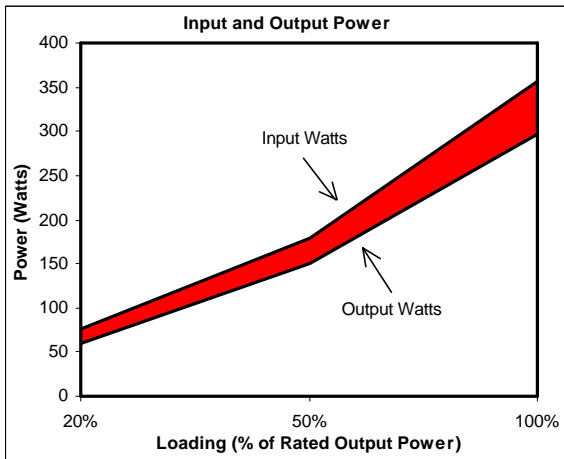


Input AC Current Waveform (I_{THD} = 8.5%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110 - 240	Volts
Input Current	5	Amps
Input Frequency	60 - 50	Hz
Rated Output Power	300	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	-12V	3.3V	5V*	5VSB		
0.68	0.96	21.5%	20%	Light	75	12.0/1.2	12.0/2.0	12.0/0.2	3.3/2.1	5.0/2.1	5.1/0.4	60	80.06%
1.55	0.99	8.5%	50%	Typical	178	12.0/2.9	12.0/5.1	11.8/0.4	3.3/5.3	5.0/5.3	5.0/1.0	150	83.99%
3.11	0.98	17.2%	100%	Full	356	11.9/5.8	11.9/10.2	11.6/0.8	3.2/10.6	4.9/10.6	4.9/2.0	296	83.26%



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.