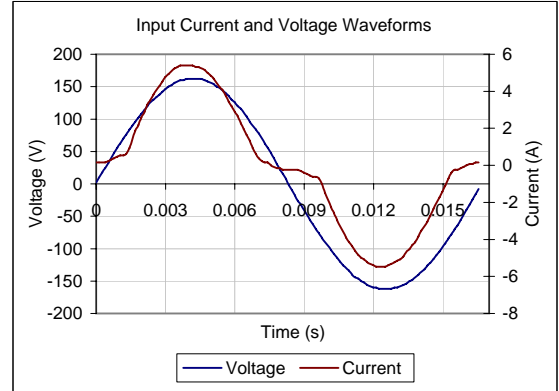


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.92%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.04%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	1085
<b>Manufacturer</b>	FSP
<b>Model Number</b>	FSP300-60GHN
<b>Serial Number</b>	S8121050094
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	10/23/2008

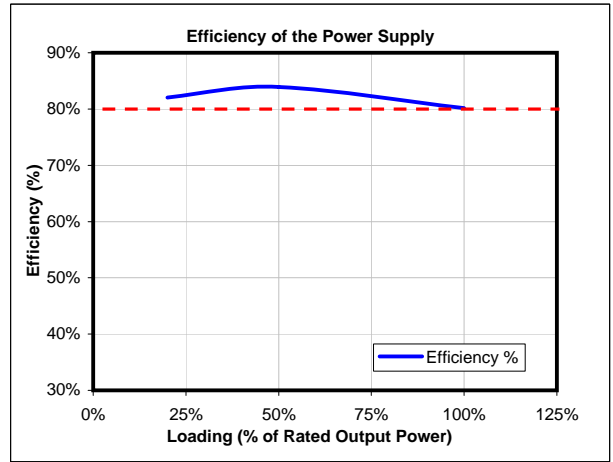
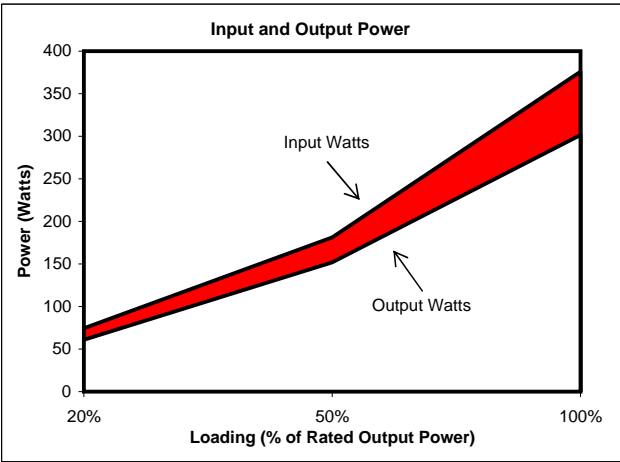


Input AC Current Waveform (ITHD = 28.18%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4.5-2.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>300</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
0.66	0.98	16.0%	20%	Light	74	12.2/3.5	11.7/0.1	3.4/1.9	5.1/1.8	5.1/0.4	61	82.02%
1.64	0.96	28.2%	50%	Typical	181	12.2/8.8	11.7/0.2	3.4/4.7	5.1/4.5	5/0.9	152	83.92%
3.39	0.96	26.3%	100%	Full	376	12.1/17.5	11.6/0.4	3.3/9.5	5/9	5/1.8	302	80.18%



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.