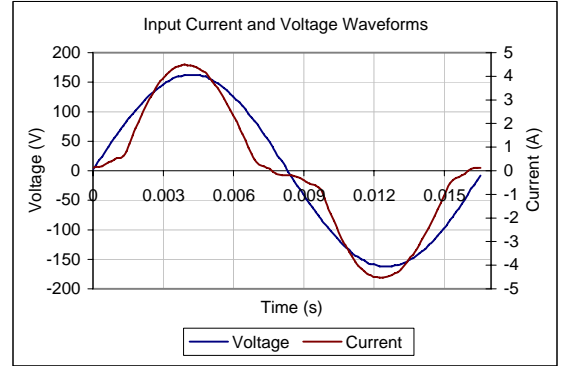


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.90%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.00%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	1083
<b>Manufacturer</b>	FSP
<b>Model Number</b>	FSP250-60GHN
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	10/23/2008

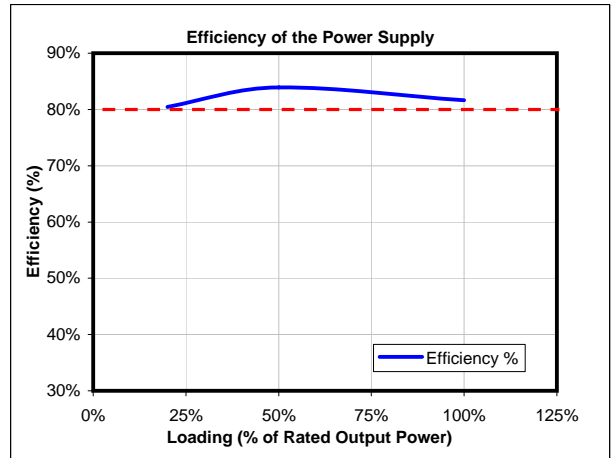
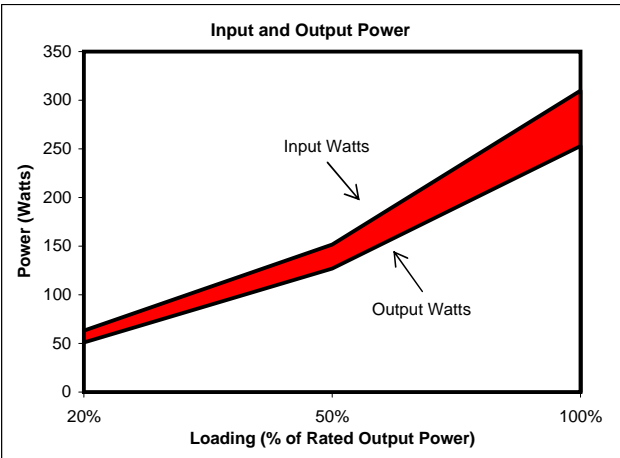


Input AC Current Waveform (ITHD = 24.59%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4-2	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>250</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
0.56	0.98	16.7%	20%	Light	63	12.2/2.8	11.7/0.1	3.4/1.4	5.1/1.8	5/0.3	51	80.45%
1.36	0.97	24.6%	50%	Typical	152	12.2/7.1	11.7/0.2	3.4/3.5	5/4.5	5/0.7	127	83.90%
2.79	0.96	26.0%	100%	Full	310	12.2/14.2	11.7/0.3	3.3/7	5/9	5/1.4	253	81.64%



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.