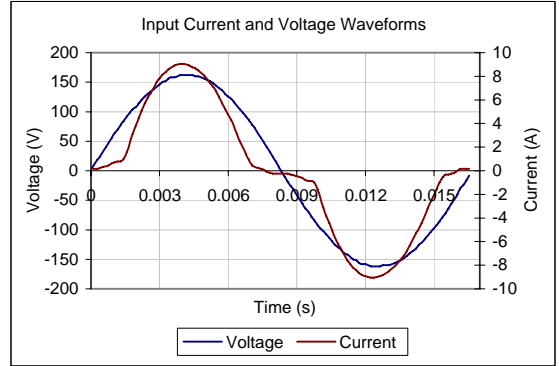


# 80 PLUS Verification and Testing Report



**TYPICAL EFFICIENCY (50% Load):** 84.49%  
**AVERAGE EFFICIENCY :** 82.65%  
**80 PLUS COMPLIANT:** YES

<b>Ecos ID #</b>	1088
<b>Manufacturer</b>	FSP
<b>Model Number</b>	FSP500-60GHN
<b>Serial Number</b>	S8271000021
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	10/29/2008

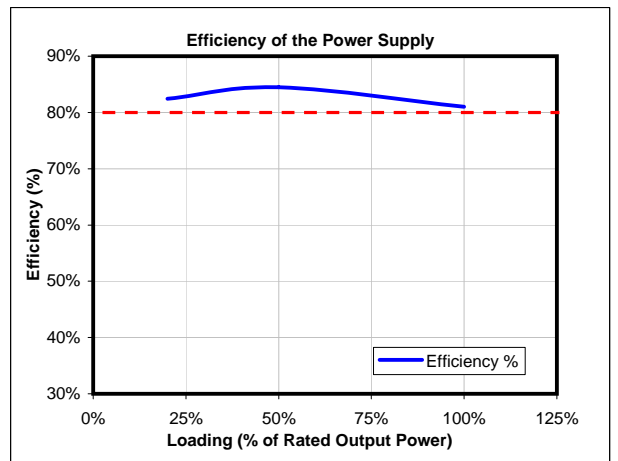
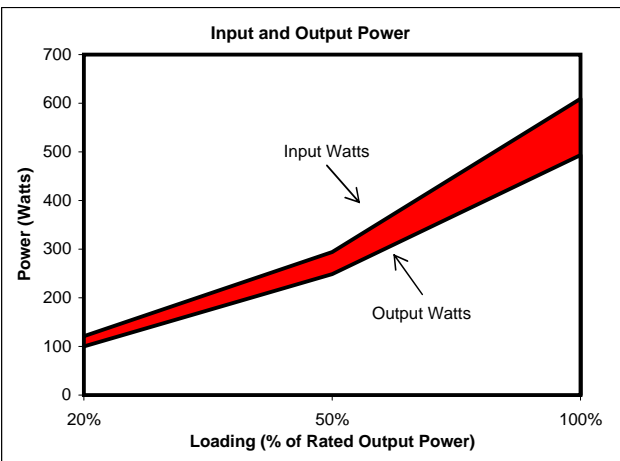


Input AC Current Waveform (ITHD = 33.57%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7.5-4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>500</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
1.07	0.98	16.8%	20%	Light	121	11.9/6.1	11.9/0.1	3.4/2.9	5.1/2.8	5/0.5	100	82.43%
2.72	0.94	33.6%	50%	Typical	294	11.9/15.2	11.9/0.2	3.4/7.1	5/7.1	5/1.2	249	84.49%
5.56	0.96	29.0%	100%	Full	609	11.8/30.3	11.9/0.5	3.3/14.2	4.9/14.2	4.9/2.4	494	81.02%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

