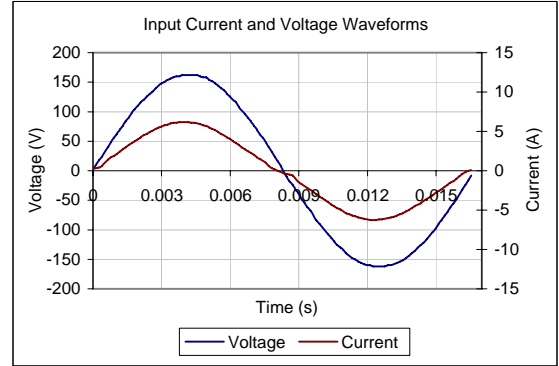


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.63%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>81.90%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	790
<b>Manufacturer</b>	FSP
<b>Model Number</b>	FSP400-60GLN(80)
<b>Serial Number</b>	S8131000017
<b>Year</b>	2008
<b>Type</b>	ATX12V & EPS12V
<b>Test Date</b>	7/2/2008

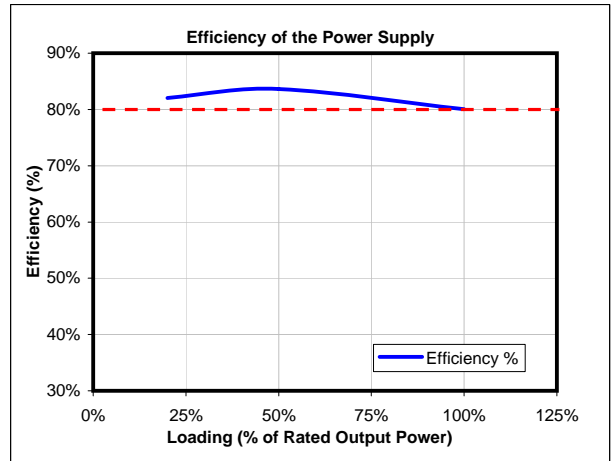
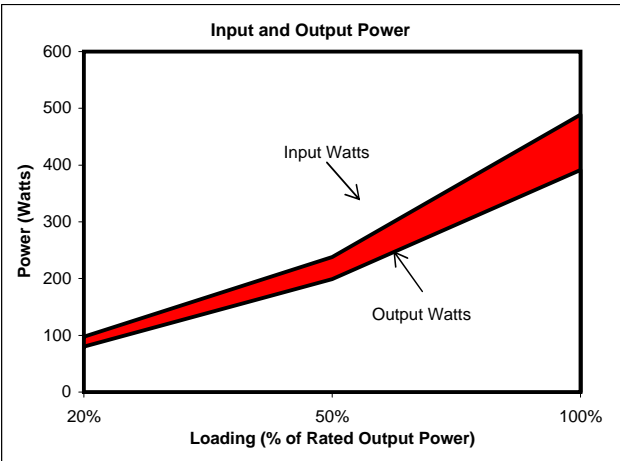


Input AC Current Waveform (ITHD = 11.42%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>400</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
0.87	0.97	19.0%	20%	Light	98	12/4.8	12.1/0.1	3.4/2.3	5/2.3	5.1/0.4	80	82.03%
2.09	0.99	11.4%	50%	Typical	238	11.9/12.1	12.1/0.2	3.3/5.9	4.9/5.9	5/0.9	199	83.63%
4.27	1.00	7.0%	100%	Full	489	11.8/24.1	12.1/0.4	3.2/11.7	4.8/11.7	4.8/1.9	391	80.05%



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/>

