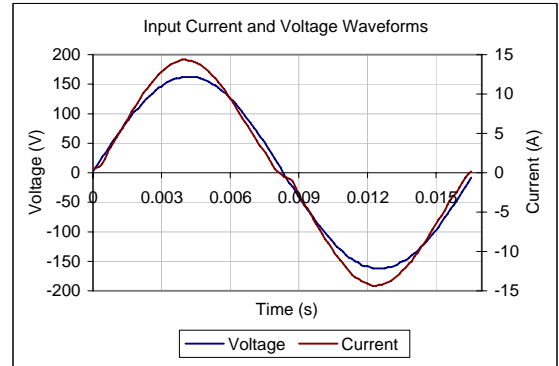


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.21%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>81.89%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	687
<b>Manufacturer</b>	FSP
<b>Model Number</b>	FSP900-80GLN
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V & EPS12V
<b>Test Date</b>	5/27/2008

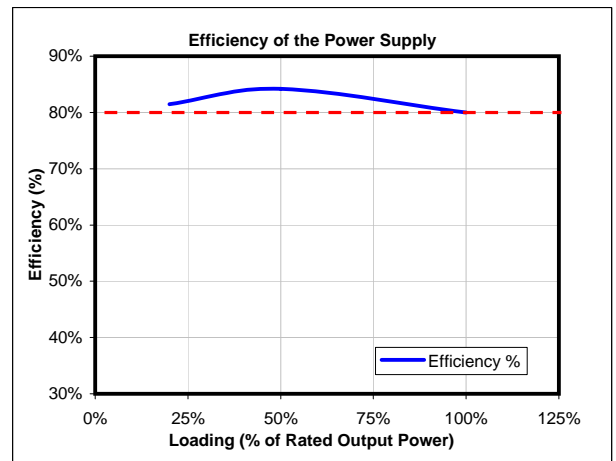
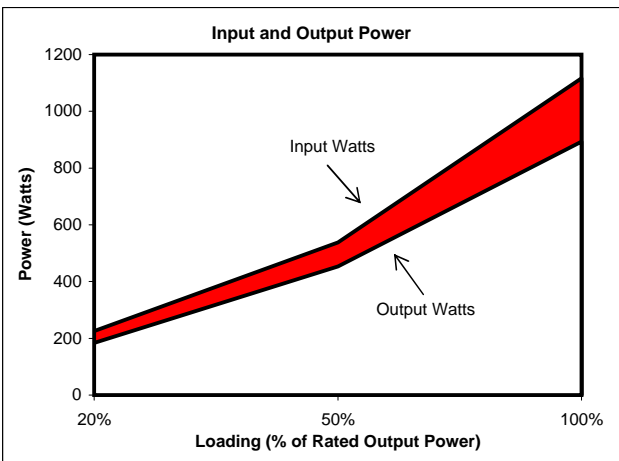


Input AC Current Waveform (ITHD = 13.79%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>900</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
2.02	0.97	23.1%	20%	Light	226	48.8/11.7	12.2/0.2	3.3/4.2	5.1/4.2	5.1/0.6	184	81.46%
4.73	0.99	13.8%	50%	Typical	538	48.5/29.3	12.3/0.5	3.2/10.5	5/10.5	4.9/1.4	453	84.21%
9.75	1.00	7.4%	100%	Full	1117	48.1/58.4	12.4/0.9	3.1/20.8	4.9/21	4.7/2.8	894	80.00%



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.