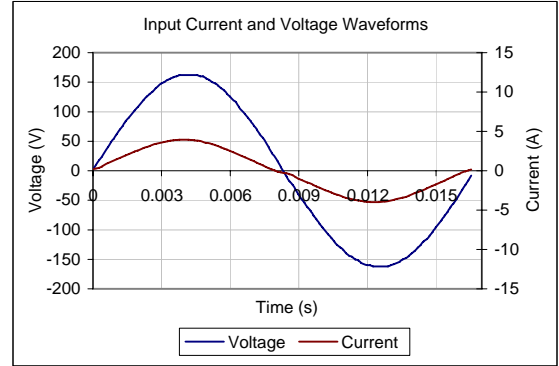


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>82.52%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>85.34%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	851
<b>Manufacturer</b>	FSP
<b>Model Number</b>	FSP250-70MU
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	EPS1U
<b>Test Date</b>	8/1/2008

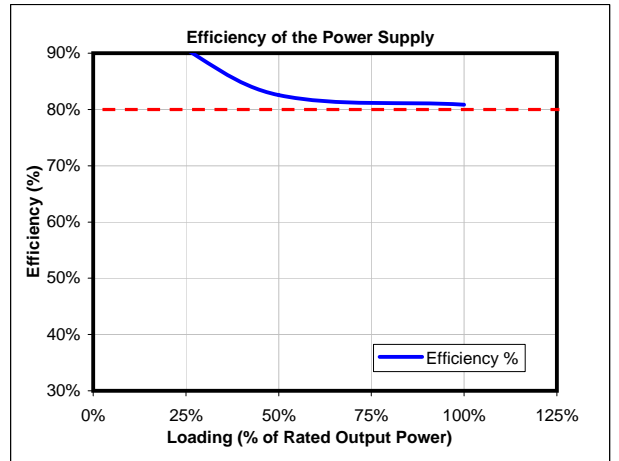
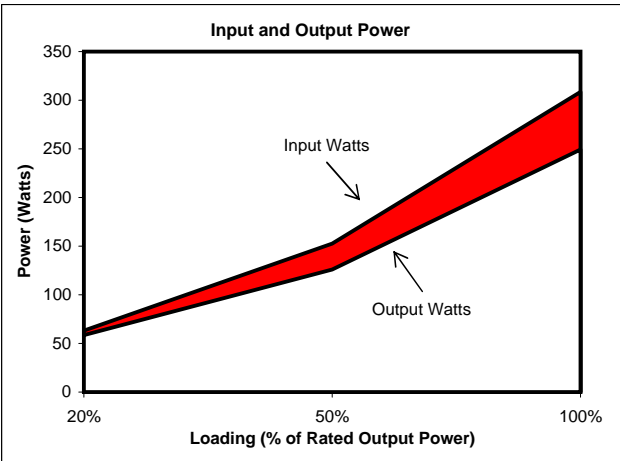


Input AC Current Waveform (ITHD = 9.42%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4	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	13.1%	20%	Light	63	12.2/2.7	11.6/0.1	3.3/2.5	5.1/2.8	5.1/0.5	59	92.63%
1.34	0.99	9.4%	50%	Typical	153	12.2/5.1	11.6/0.2	3.3/6.1	5/6.9	5.1/1.2	126	82.52%
2.69	1.00	5.6%	100%	Full	308	12.2/10.1	11.7/0.5	3.3/12.3	4.9/13.8	5/2.5	249	80.87%



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.