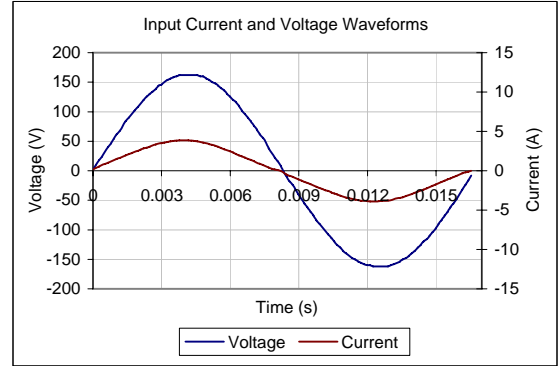


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.60%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.14%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	532
<b>Manufacturer</b>	FSP
<b>Model Number</b>	TFX-250SAV
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	TFX
<b>Test Date</b>	3/5/2008

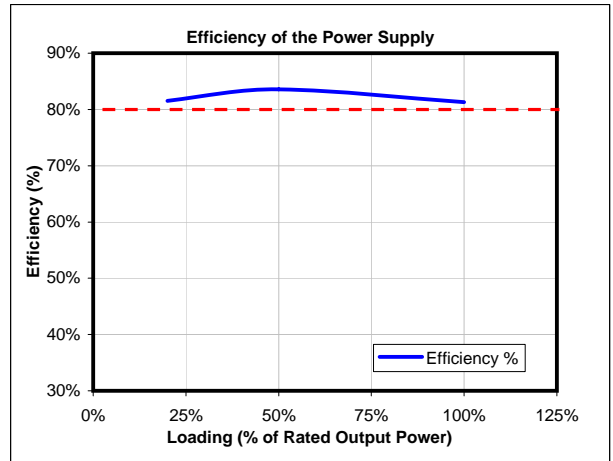
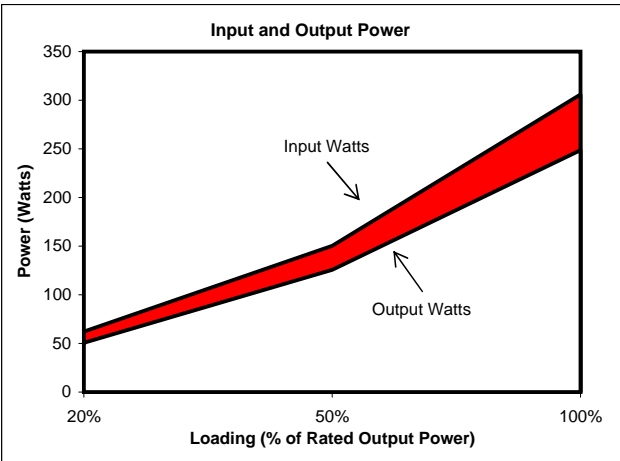


Input AC Current Waveform (ITHD = 7.53%, 50% Load)

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
0.55	0.98	8.8%	20%	Light	62	12/2.8	11.9/0	3.4/1.8	5.1/1.8	5.1/0.3	51	81.53%
1.32	0.99	7.5%	50%	Typical	150	12/6.9	12.1/0.1	3.3/4.5	5/4.5	5.1/0.8	126	83.60%
2.67	1.00	5.8%	100%	Full	306	11.9/13.8	12.4/0.2	3.3/8.9	5/8.9	4.9/1.5	249	81.31%



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.