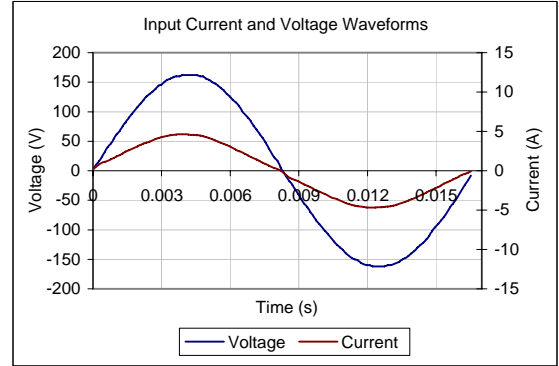


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.76%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.16%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	597
<b>Manufacturer</b>	FSP
<b>Model Number</b>	TFX-300SAV
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	TFX12V
<b>Test Date</b>	3/10/2008

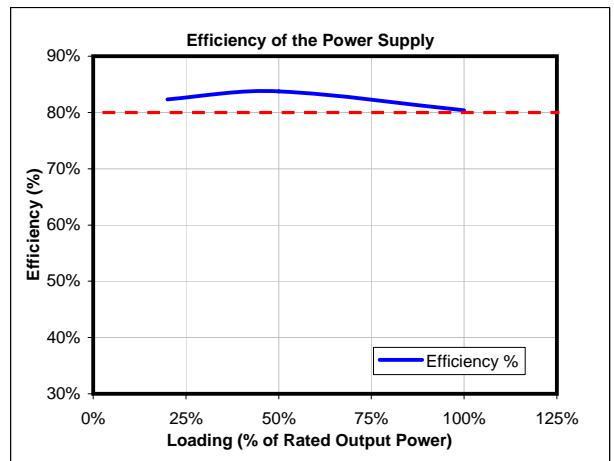
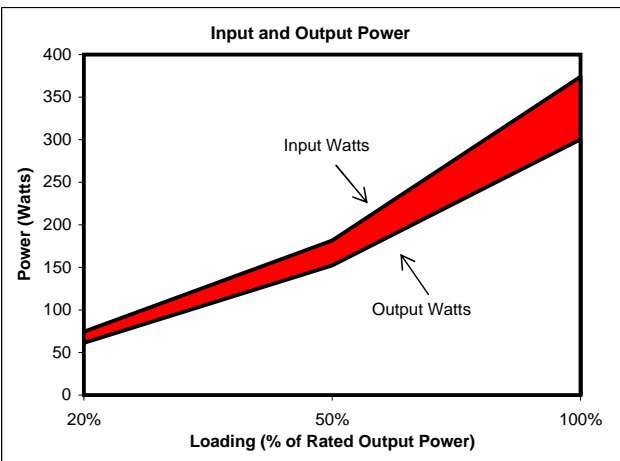


Input AC Current Waveform (ITHD = 5.49%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>300</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		
0.66	0.98	8.1%	20%	Light	74	12.2/3.4	12.1/0	3.4/2.1	5.1/2	5.1/0.3	61	82.34%
1.59	0.99	5.5%	50%	Typical	182	12.1/8.6	12.2/0.1	3.3/5.2	5.1/4.9	5.1/0.8	152	83.76%
3.26	1.00	4.4%	100%	Full	374	12/17.1	12.5/0.2	3.3/10.4	5.1/9.9	5/1.6	301	80.38%



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.