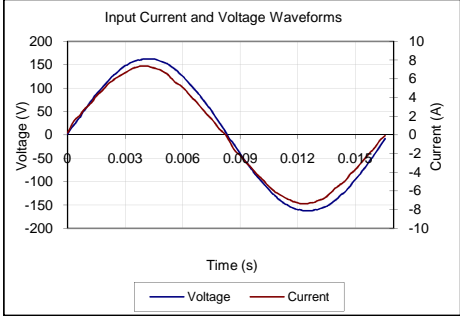


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.28%
AVERAGE EFFICIENCY :	84.59%
80 PLUS COMPLIANT:	YES



Ecos ID #	1459
Manufacturer	FSP TECHNOLOGY INC.
Model Number	FSP500-702UH
Serial Number	N/A
Year	2009
Type	2U
Test Date	6/1/2009

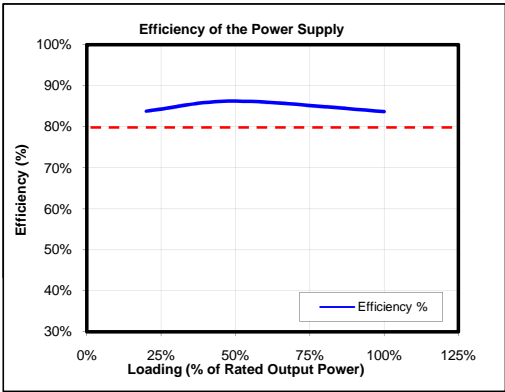
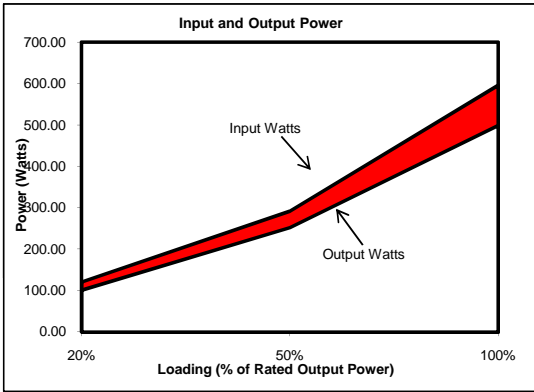


Input AC Current Waveform (ITHD = 3.79%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	60-50	Hz
<b>Rated Output Power</b>	<b>500</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		
1.06	0.9864	7.95%	20%	Light	120.59	12.1/6.3	12/0.1	3.3/2.5	5/2.5	5.1/0.5	101.06	83.80%
2.56	0.9939	3.79%	50%	Typical	292.20	12.1/15.8	12/0.2	3.3/6.3	5/6.3	5.1/1.2	252.10	86.28%
5.19	0.9983	2.54%	100%	Full	596.20	12/31.6	12.1/0.4	3.3/12.6	5/12.6	5/2.4	498.91	83.68%



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/>

