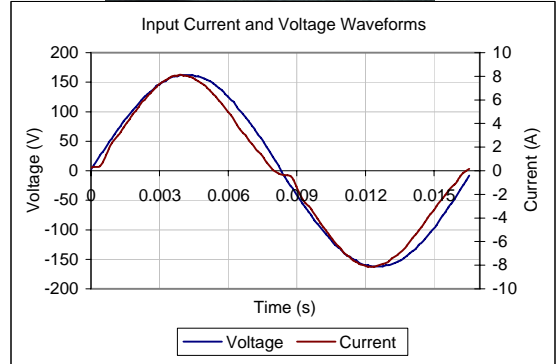


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	84.48%
AVERAGE EFFICIENCY :	82.76%
80 PLUS COMPLIANT:	YES

Ecos ID #	1116
Manufacturer	TAGAN
Model Number	SP-SS500
Serial Number	101080600001
Year	2008
Type	ATX12V & EPS12V
Test Date	11/7/2008

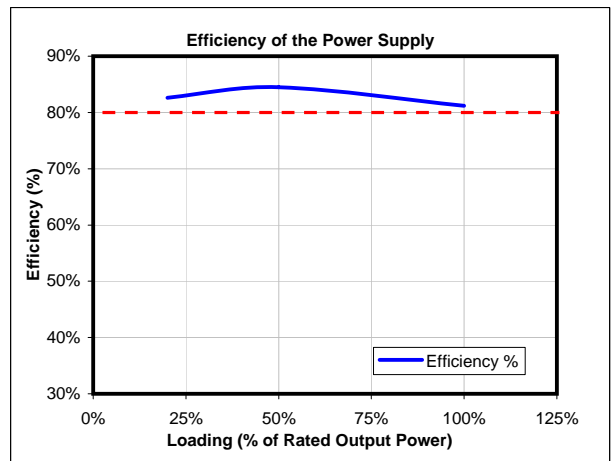
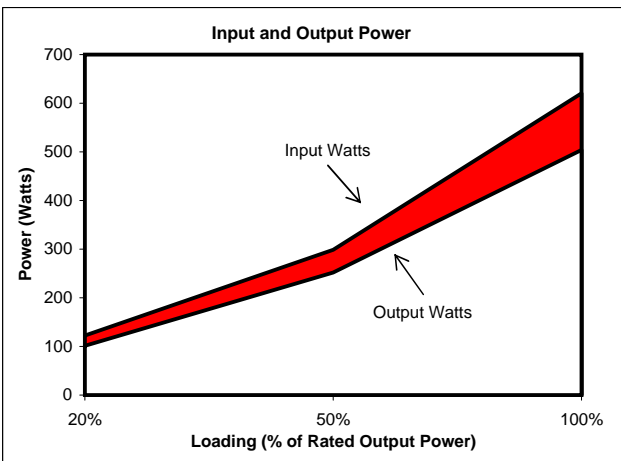


Input AC Current Waveform (ITHD = 14.9%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	9	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

I _{RMS} A	PF	I _{THD} (%)	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
1.09	0.98	19.4%	20%	Light	123	12.1/6.1	11.5/0.1	3.4/2.8	5/2.8	5/0.5	101	82.62%
2.64	0.98	14.9%	50%	Typical	298	12.1/15.2	11.5/0.4	3.4/7	5/7	5/1.1	252	84.48%
5.43	0.99	10.4%	100%	Full	621	12.2/30.4	11.6/0.7	3.4/13.9	4.9/13.9	5/2.2	504	81.18%



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/>

