

80 PLUS Verification and Testing Report

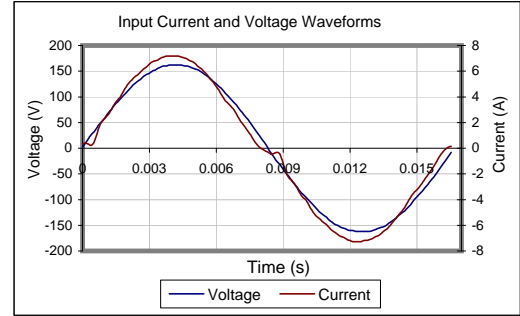
TYPICAL EFFICIENCY (50% Load):	88.40%
AVERAGE EFFICIENCY :	87.05%
80 PLUS COMPLIANT:	YES



Ecos ID #	1732.1
Manufacturer	AMACROX
Model Number	AX500-88FE
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	10/21/2009

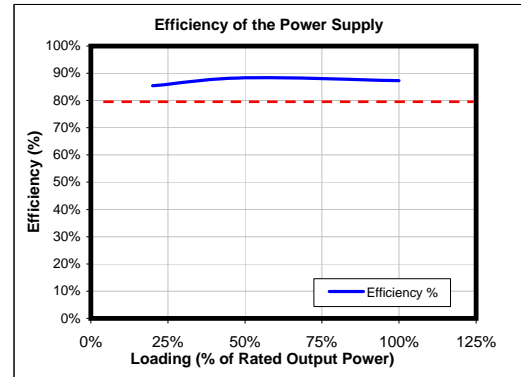
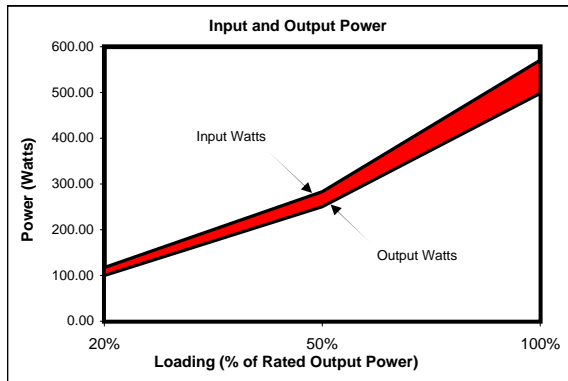
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (THD = 14.76%, 50% Load)

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		
1.07	0.95	26.94%	20%	Light	117.18	11.9/6.5	11.9/0.1	3.4/2.4	5.2/2.3	5.1/0.4	100.16	85.48%
2.50	0.98	14.76%	50%	Typical	282.90	11.9/16.2	11.9/0.2	3.4/6	5.1/5.7	5.1/1	250.08	88.40%
4.98	0.99	9.11%	100%	Full	570.30	11.9/32.5	11.8/0.4	3.4/11.9	5.1/11.4	5/2	497.74	87.28%



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/>

