

80 PLUS Verification and Testing Report

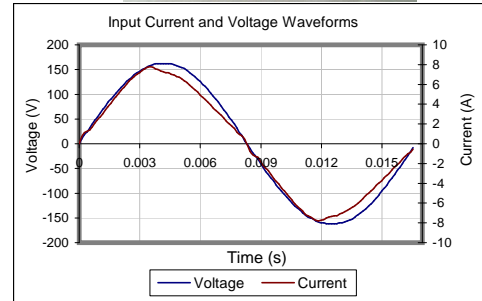
TYPICAL EFFICIENCY (50% Load):	86.30%
AVERAGE EFFICIENCY :	84.18%
80 PLUS COMPLIANT:	YES



Ecos ID #	944.1
Manufacturer	AMACROX
Model Number	AX500-80EN
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	9/26/2008

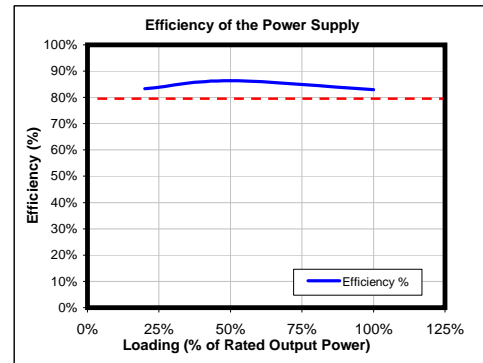
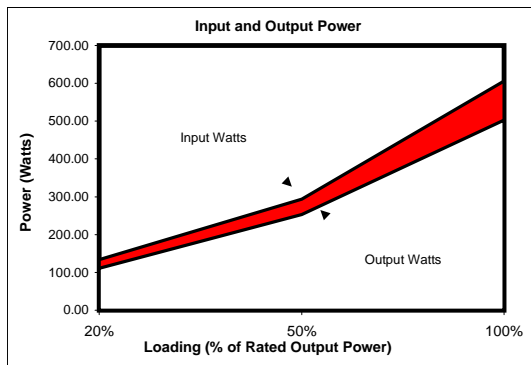
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 8.56%, 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		
1.17	0.99	11.86%	20%	Light	133.60	12.1/6.3	12/0.1	3.4/2.9	5.1/2.4	5/2.5	111.26	83.28%
2.56	0.99	8.56%	50%	Typical	293.38	12.1/15.7	12.2/0.1	3.4/7.4	5.1/6.1	5/1.2	253.19	86.30%
5.28	1.00	5.88%	100%	Full	606.04	12.1/31.3	12.3/0.3	3.3/14.7	5/12.2	5/2.3	502.67	82.94%



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/>

