

80 PLUS Verification and Testing Report

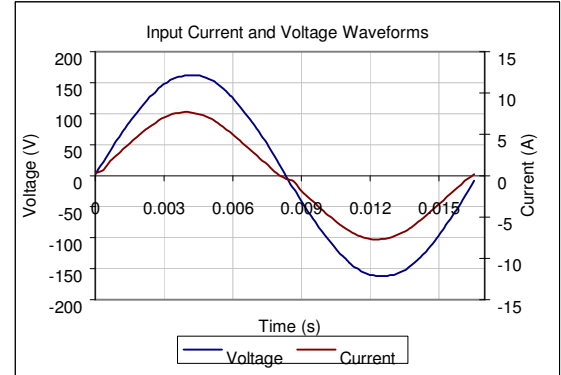
TYPICAL EFFICIENCY (50% Load): 86.17%
AVERAGE EFFICIENCY : 84.18%
80 PLUS COMPLIANT: YES



Ecos ID #	899
Manufacturer	AMA Precision INC.
Model Number	AA500LI-C
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	9/17/2008

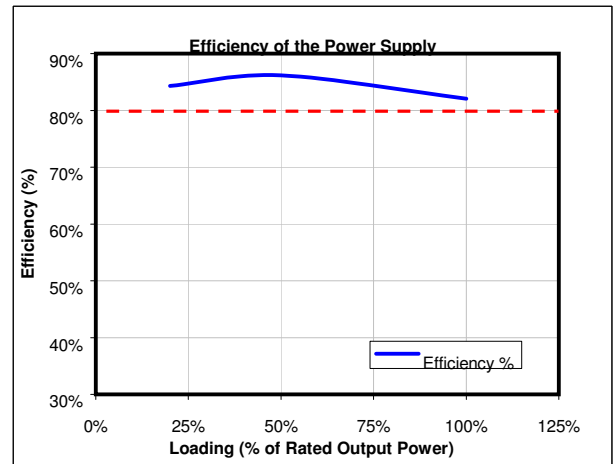
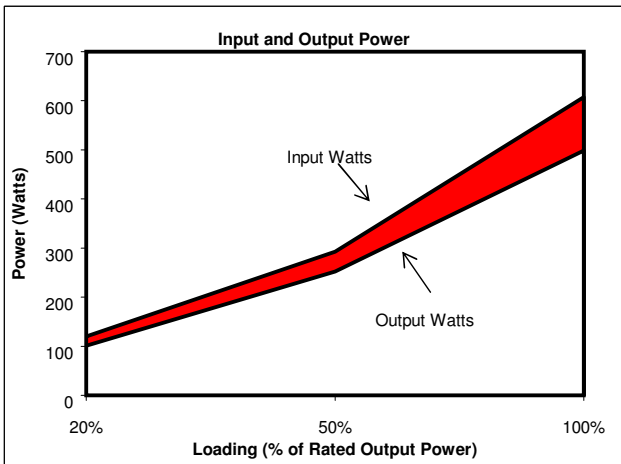
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 10.7%, 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		
1.08	0.97	18.0%	20%	Light	120	12.2/6.2	12.3/0	3.3/3.5	5/2.2	5.1/0.5	101	84.33%
2.57	0.99	10.7%	50%	Typical	293	12.1/15.5	12.3/0.1	3.3/8.7	5/5.4	5.1/1.3	252	86.17%
5.30	1.00	6.8%	100%	Full	607	12/31	12.5/0.3	3.3/17.3	5/10.8	5/2.6	498	82.05%



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.