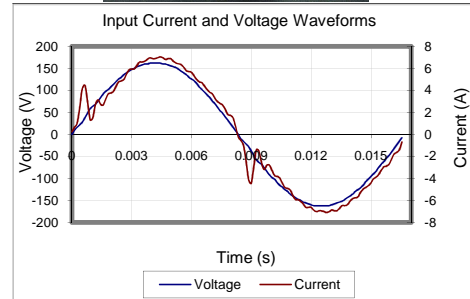


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.18%
AVERAGE EFFICIENCY :	89.44%
80 PLUS COMPLIANT:	YES



Ecos ID #	1800
Manufacturer	ENERMAX TECHNOLOGY CORPORATION
Model Number	EPG500AWT
Serial Number	NA
Year	2009
Type	ATX12V
Test Date	12/4/2009

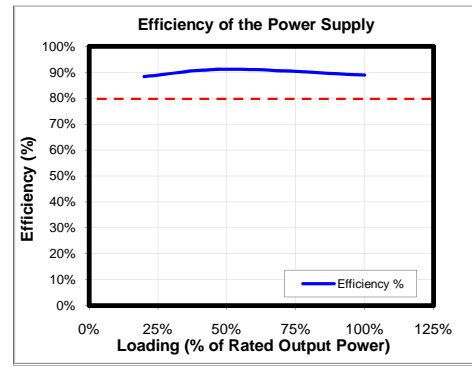
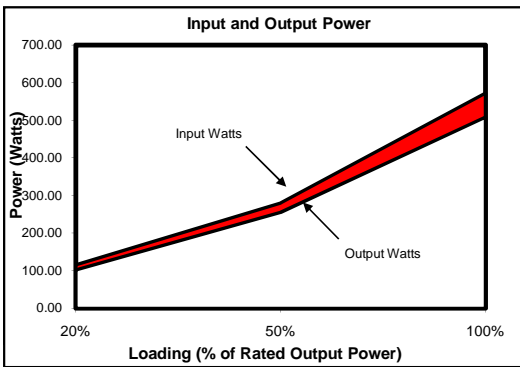


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.5-3	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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

Input AC Current Waveform (ITHD = 11.04%, 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.)									
1.03	0.9830	8.41%	20%	Light	116.06	12.3/6.7				11.9/0.1	3.4/2	5.1/2	5.2/0.5	102.43	88.26%
2.45	0.9930	11.04%	50%	Typical	280.20	12.2/16.8				12.1/0.2	3.4/4.9	5/4.9	5.1/1.2	255.48	91.18%
5.04	0.9869	14.61%	100%	Full	572.30	12.2/33.5				12.4/0.4	3.4/9.8	5/9.8	5.1/2.5	508.62	88.87%



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/>

