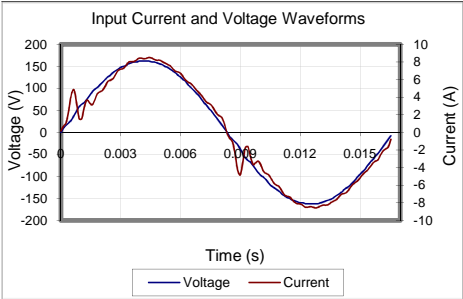


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.17%
AVERAGE EFFICIENCY :	89.50%
80 PLUS COMPLIANT:	YES



Ecos ID #	1840
Manufacturer	ENERMAX TECHNOLOGY CORPORATION
Model Number	EMG600AWT
Serial Number	NA
Year	2009
Type	ATX12V
Test Date	12/8/2009

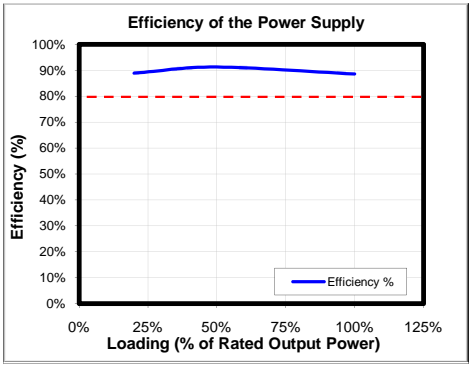
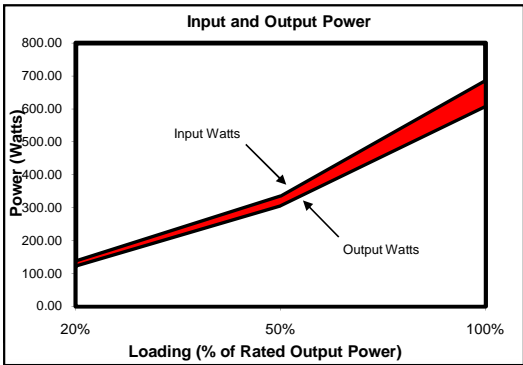


Input AC Current Waveform (ITHD = 9.64%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	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.)									
1.22	0.9828	11.15%	20%	Light	138.14	12.2/8.1				11.9/0.1	3.4/2.3	5.1/2.3	5.2/0.5	122.70	88.82%
2.93	0.9948	9.64%	50%	Typical	335.50	12.2/20.3				12/0.2	3.4/5.8	5.1/5.8	5.1/1.2	305.87	91.17%
6.04	0.9893	12.69%	100%	Full	686.70	12.1/40.6				12.4/0.4	3.4/11.7	5/11.6	5.1/2.4	607.77	88.51%



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/>

