

80 PLUS Verification and Testing Report

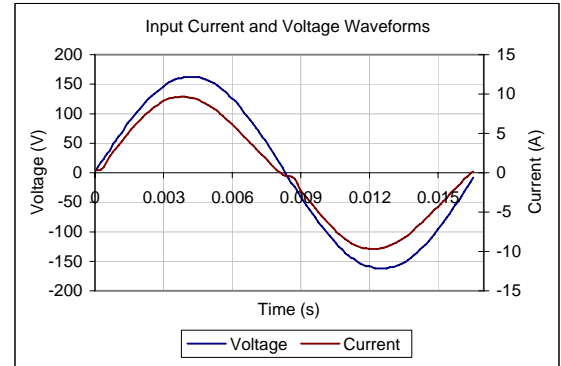


TYPICAL EFFICIENCY (50% Load):	86.22%
AVERAGE EFFICIENCY :	84.51%
80 PLUS COMPLIANT:	YES

Ecos ID #	517
Manufacturer	ENERMAX
Model Number	EMD625AWT
Serial Number	8110370066
Year	2008
Type	ATX12V
Test Date	3/20/2008

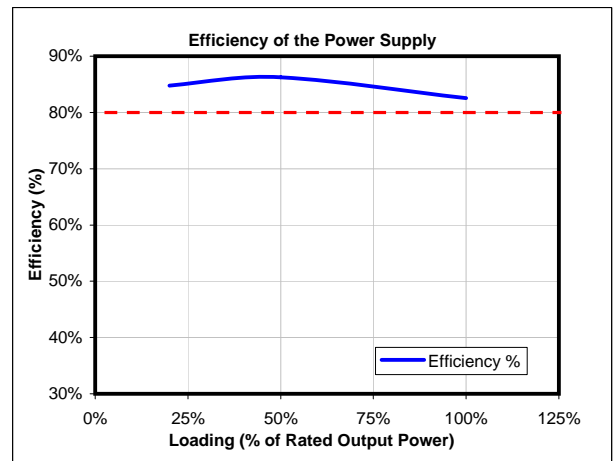
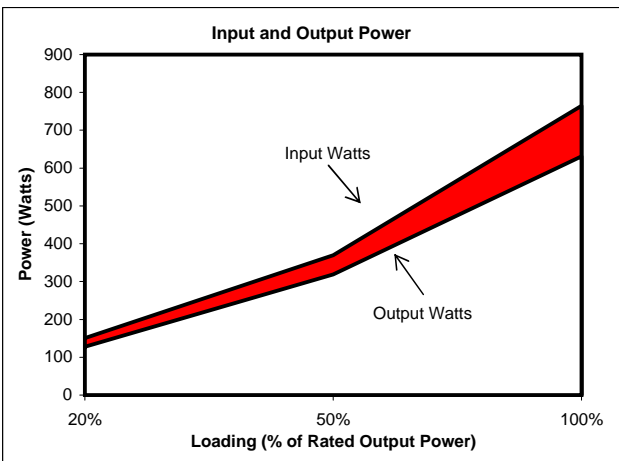
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	625	Watts

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



Input AC Current Waveform (ITHD = 11.57%, 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
1.34	0.98	17.4%	20%	Light	151	12.3/8.2	12/0.1	3.4/2.8	5.1/2.8	5.2/0.5	128	84.76%
3.25	0.99	11.6%	50%	Typical	370	12.2/20.6	12.1/0.2	3.3/6.9	5.1/6.9	5.1/1.2	319	86.22%
6.68	0.99	7.7%	100%	Full	764	12.1/41.2	12.2/0.5	3.3/13.8	5/13.8	5/2.5	631	82.54%



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/>

