

80 PLUS Verification and Testing Report

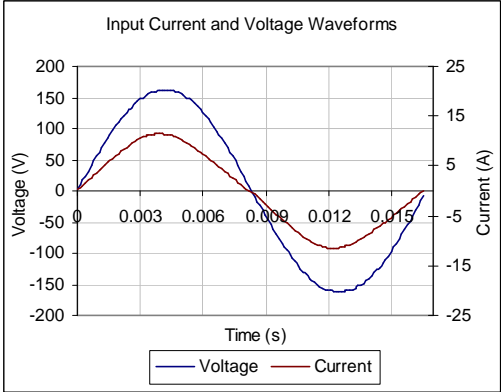
TYPICAL EFFICIENCY (50% Load):	83.87%
AVERAGE EFFICIENCY :	81.93%
80 PLUS COMPLIANT:	YES



Ecos ID #	123
Manufacturer	Enermax
Model Number	EIN720AWT
Serial Number	N/A
Year	2006
Type	ATX12V
Test Date	12/1/2006

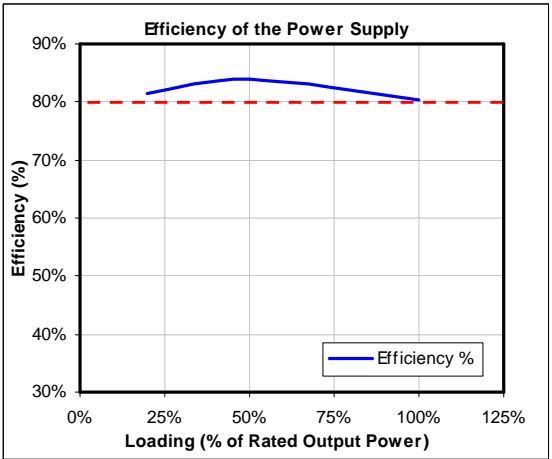
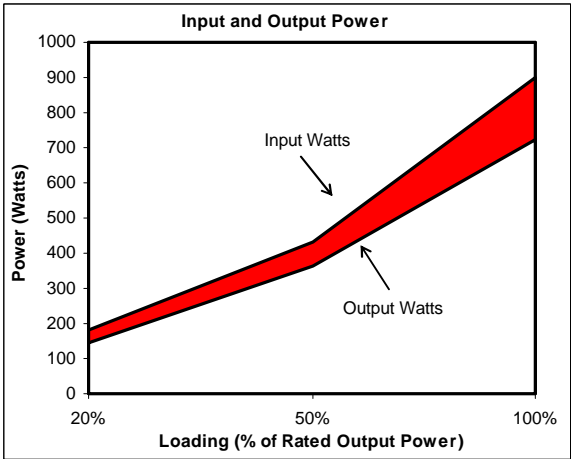
Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	10 - 5	Amps
Input Frequency	60 - 50	Hz
Rated Output Power	720	Watts

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



Input AC Current Waveform (ITHD = 5.63%, 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 %
						12V1	12V2	12V3	-12V	3.3V	5V*	5VSB		
1.58	0.99	6.0%	20%	Light	180	12.3/3.1	12.3/3.1	12.3/3.3	11.4/0.1	3.4/2.9	5/3.5	5.1/0.5	147	81.51%
3.79	1.00	5.6%	50%	Typical	434	12.2/7.7	12.3/7.7	12.2/8.2	11.5/0.3	3.3/7.2	4.9/8.7	5/1.3	364	83.87%
7.83	1.00	6.0%	100%	Full	899	12.2/15.3	12.2/15.3	12.2/16.4	11.6/0.5	3.2/14.5	4.8/17.3	4.9/2.7	723	80.43%



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 EPRI Solutions Inc., Knoxville, TN.