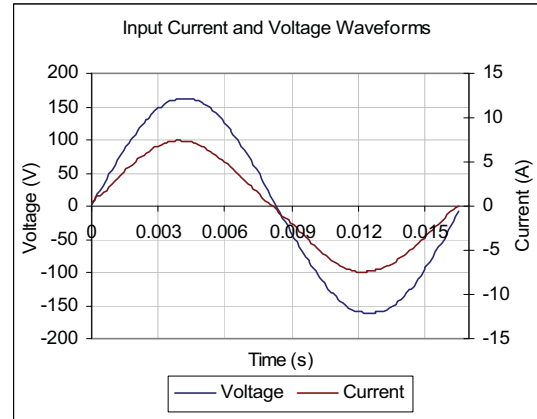


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load): 84.78%
AVERAGE EFFICIENCY : 82.54%
80 PLUS COMPLIANT: YES



Ecos ID #	140
Manufacturer	AVNET
Model Number	AVT500
Serial Number	Reference design
Year	2006
Type	ATX12V
Test Date	12/19/2006

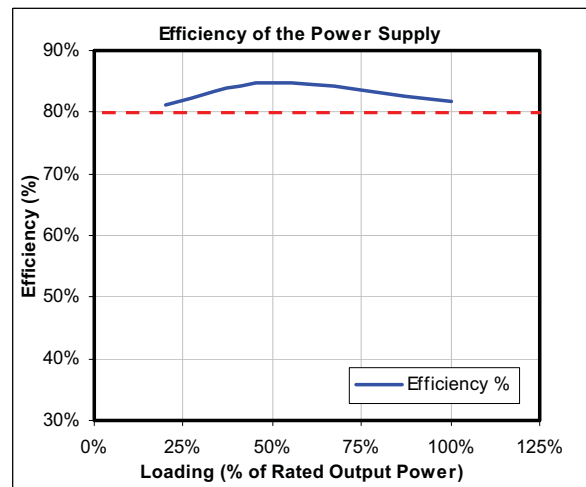
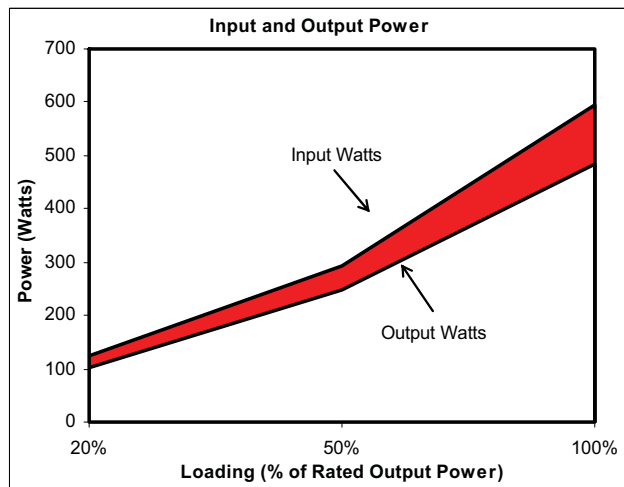


Input AC Current Waveform (ITHD = 5.46%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	N/A	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.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V1	-12V	3.3V	5V*	5VSB		
1.12	0.96	6.1%	20%	Light	124	12.1/6.2	11.8/0.1	3.3/2.7	5.1/2.7	4.9/0.6	101	81.24%
2.58	1.00	5.5%	50%	Typical	294	12/15.4	12/0.2	3.3/6.7	5/6.7	4.9/1.4	249	84.78%
5.19	1.00	4.5%	100%	Full	595	11.8/30.9	12/0.4	3.2/13.4	4.9/13.4	4.8/2.8	485	81.61%



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/>

