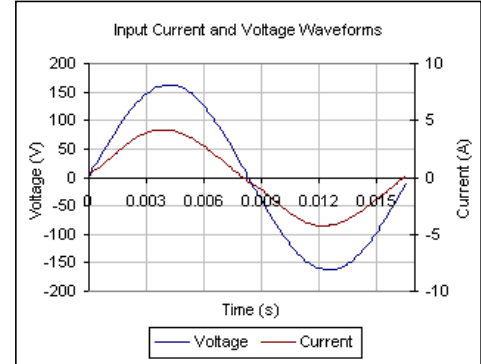


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.60%
AVERAGE EFFICIENCY :	82.37%
80 PLUS COMPLIANT:	YES



Ecos ID #	39
Manufacturer	AVNET
Model Number	AVT300
Serial Number	Pre-production sample
Year	2006
Type	ATX12V
Test Date	2/16/2006

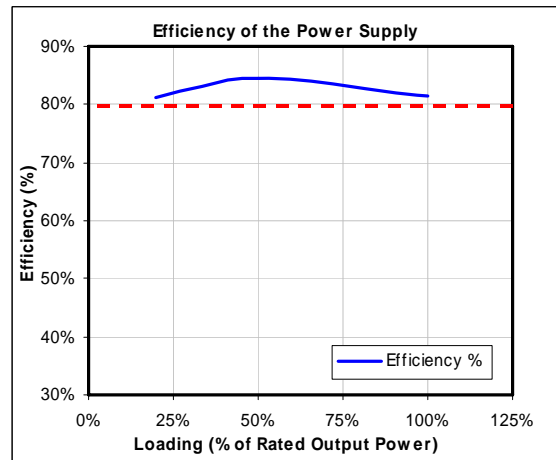
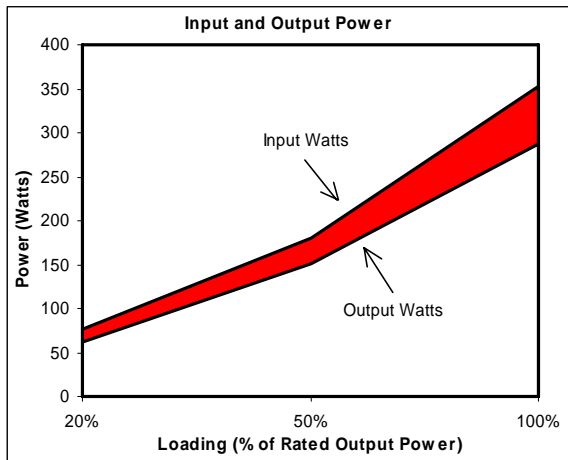


Input AC Current Waveform ($I_{THD} = 6.9\%$, 50% Load)

Rated Specifications	Value	Units
Input Voltage	90 - 264	Volts
Input Current	4 - 2	Amps
Input Frequency	63 - 47	Hz
Rated Output Power	300	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	12V2	-12V	3.3V	5V*	5VSB		
0.69	0.96	10.1%	20%	Light	76	12.5/3.4		11.9/0.09	3.3/2.2	5.1/1.6	5.0/0.5	62	81.17%
1.57	0.99	6.9%	50%	Typical	179	12.4/8.6		12.0/0.2	3.1/5.6	4.9/4.0	4.9/1.2	152	84.60%
3.08	1.00	4.5%	100%	Full	353	11.7/17.1		11.9/0.4	3.0/11.2	4.6/8.0	4.9/2.4	287	81.35%



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 small servers.



Tested by EPRI Solutions Inc., Knoxville, TN.