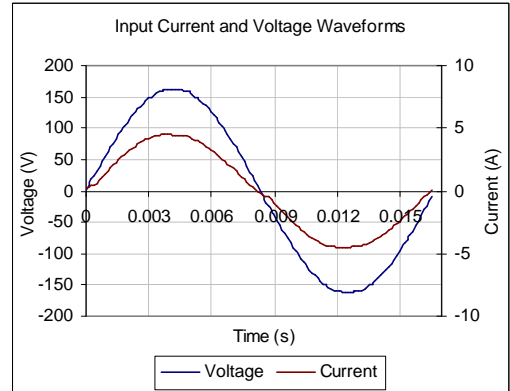


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.43%
AVERAGE EFFICIENCY :	82.51%
80 PLUS COMPLIANT:	YES



Ecos ID #	100
Manufacturer	System General Corporation
Model Number	ATX300W
Serial Number	Reference design
Year	2006
Type	ATX12V
Test Date	9/12/2006

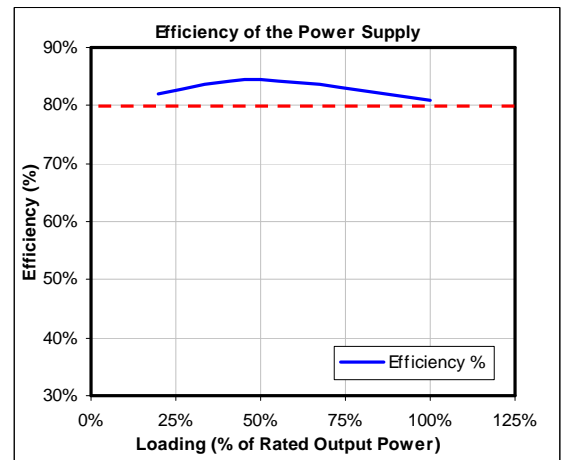
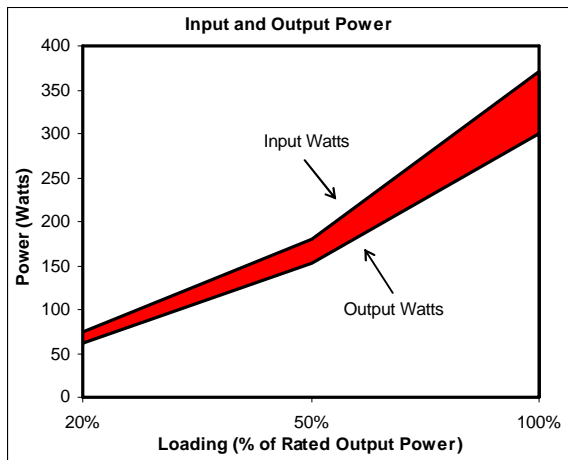


Input AC Current Waveform (ITHD = 7.67%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	90 - 264	Volts
Input Current	4 - 2	Amps
Input Frequency	60 - 50	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		
0.67	0.96	9.0%	20%	Light	74	12.2/1.2	12.2/2	11.4/0.1	3.4/2.7	5.1/1.8	5/0.5	61	82.12%
1.58	0.99	7.7%	50%	Typical	180	12.2/3.1	12.2/5	11.5/0.2	3.3/6.9	5.1/4.6	5/1.2	152	84.43%
3.24	0.99	5.3%	100%	Full	371	12.1/6.1	12.1/9.9	11.6/0.3	3.3/13.7	5/9.1	4.9/2.5	300	80.98%



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.