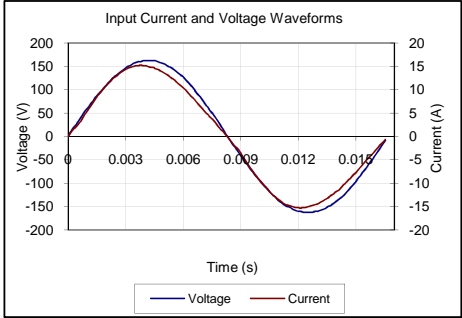


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.09%
AVERAGE EFFICIENCY :	83.94%
80 PLUS COMPLIANT:	YES



Ecos ID #	1399
Manufacturer	SILVERSTONE TECHNOLOGY CO., LTD.
Model Number	SST-OP1000-P
Serial Number	W9748360058
Year	2009
Type	ATX12V
Test Date	4/21/2009

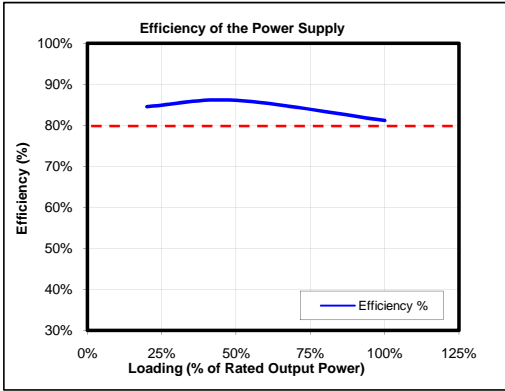
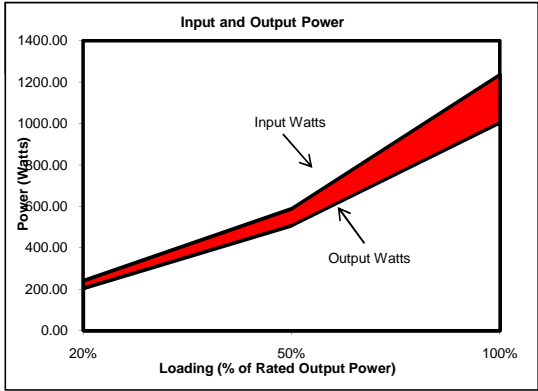


Input AC Current Waveform (ITHD = 3.41%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	1000	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 %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
2.10	0.9969	4.00%	20%	Light	241.13	12.2/13.8	11.9/0.1	3.4/3.6	5.1/3.8	5.1/0.7	203.88	84.55%
5.12	0.9985	3.41%	50%	Typical	588.90	12.1/34.4	12/0.2	3.4/8.9	5.1/9.5	5/1.7	506.97	86.09%
10.78	0.9974	4.63%	100%	Full	1237.10	12/68.7	12.3/0.4	3.4/17.7	5.1/19	5/3.4	1004.17	81.17%



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/>

