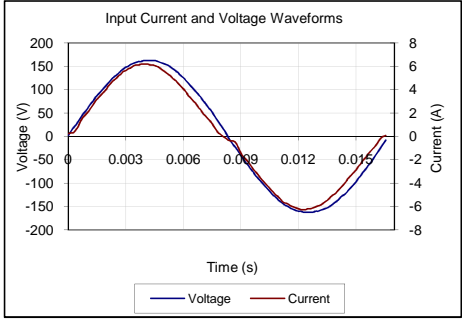


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.01%
AVERAGE EFFICIENCY :	83.36%
80 PLUS COMPLIANT:	YES



Ecos ID #	1314
Manufacturer	SILVERSTONE TECHNOLOGY CO., LTD.
Model Number	SST-ST40F
Serial Number	FS8031000019
Year	2009
Type	ATX12V
Test Date	2/24/2009

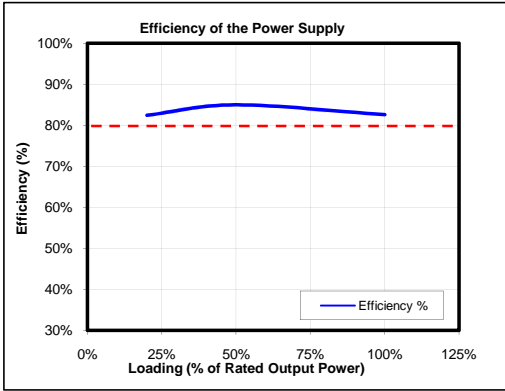
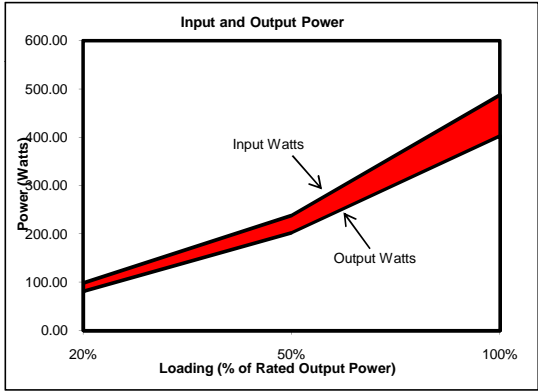


Input AC Current Waveform (ITHD = 12.36%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	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		
0.88	0.9712	20.20%	20%	Light	98.64	12.2/4.5	12.1/0.1	3.4/2.8	5.1/2.8	5.1/0.3	81.33	82.45%
2.10	0.9896	12.36%	50%	Typical	238.40	12.2/11.2	12.1/0.3	3.3/7	5/7	5.1/0.8	202.67	85.01%
4.26	0.9963	7.34%	100%	Full	487.90	12.2/22.4	12/0.6	3.3/14	4.9/14	5/1.5	403.09	82.62%



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 Electric Power Research Institute, Knoxville, TN.