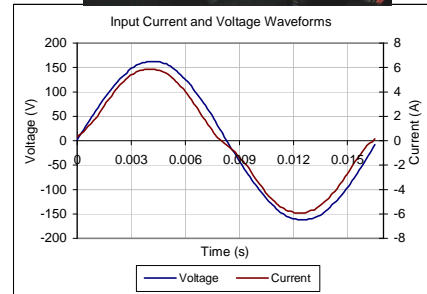


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.78%
AVERAGE EFFICIENCY :	84.53%
80 PLUS COMPLIANT:	YES



Ecos ID #	1332
Manufacturer	SILVERSTONE TECHNOLOGY COMPANY., LTD.
Model Number	SST-ST40NF
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	3/4/2009

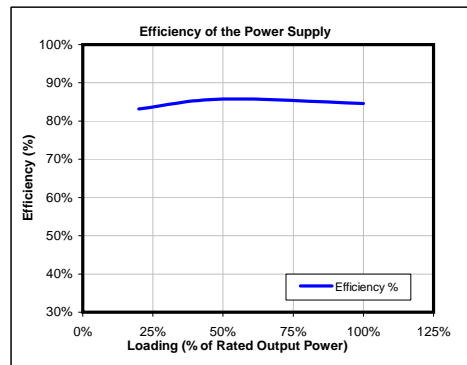
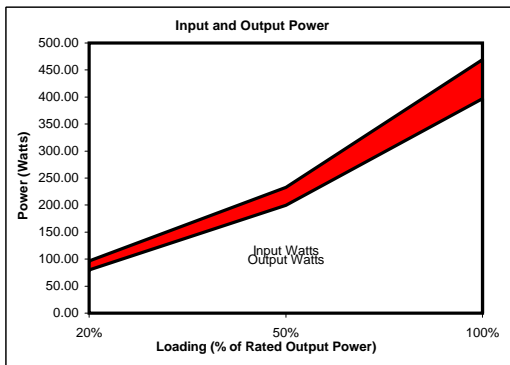


Input AC Current Waveform (ITHD = 10.74%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	5-2.5	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.)					
0.86	0.9697	20.67%	20%	Light	96.44	12/4.6				80.24	83.20%
2.04	0.9904	10.74%	50%	Typical	232.54	11.9/11.4				199.48	85.78%
4.10	0.9954	7.95%	100%	Full	469.40	11.9/22.9				397.10	84.60%



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/>

