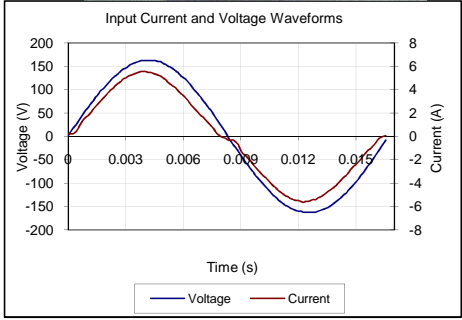


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.19%
AVERAGE EFFICIENCY :	82.29%
80 PLUS COMPLIANT:	YES



Ecos ID #	1313
Manufacturer	SILVERSTONE TECHNOLOGY CO., LTD.
Model Number	SST-ST35F
Serial Number	FS8031000505
Year	2009
Type	ATX12V
Test Date	2/24/2009

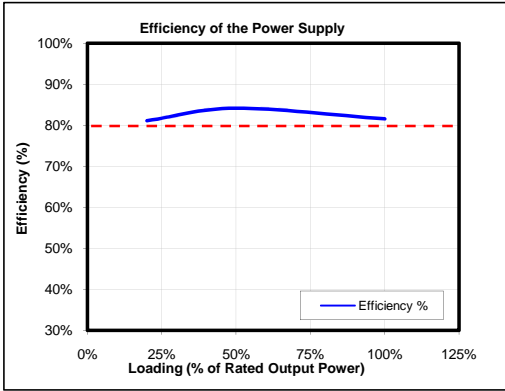
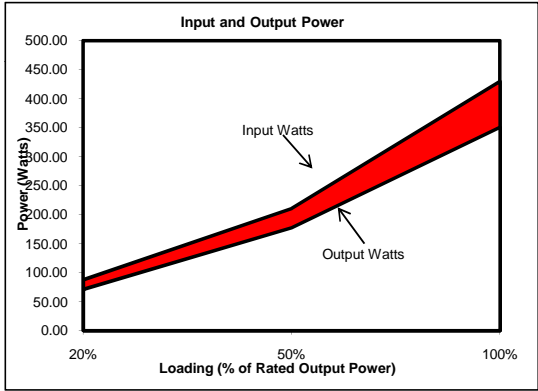


Input AC Current Waveform (ITHD = 14.66%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-3	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>350</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
0.79	0.9684	21.57%	20%	Light	87.69	12.2/3.7	12.1/0.1	3.4/2.8	5.1/2.6	5.1/0.3	71.13	81.12%
1.86	0.9855	14.66%	50%	Typical	210.73	12.1/9.4	12/0.3	3.4/6.9	5/6.6	5.1/0.8	177.41	84.19%
3.76	0.9941	9.33%	100%	Full	430.00	12.1/18.7	12/0.6	3.4/13.8	4.9/13.2	5/1.5	350.74	81.57%



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.