

80 PLUS Verification and Testing Report

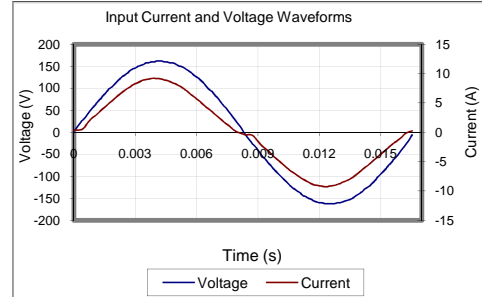
TYPICAL EFFICIENCY (50% Load):	86.54%
AVERAGE EFFICIENCY :	84.88%
80 PLUS COMPLIANT:	YES



Ecos ID #	1976
Manufacturer	SILVERSTONE TECHNOLOGY CO., LTD.
Model Number	SST-ST60F-SG
Serial Number	N/A
Year	2010
Type	ATX12V
Test Date	3/22/2010

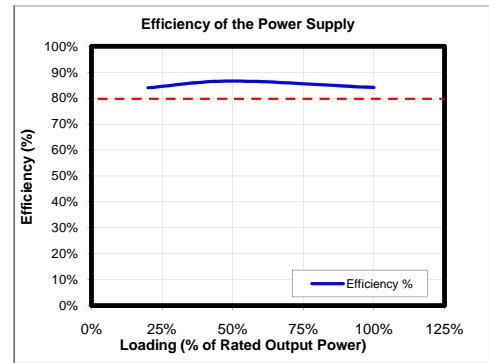
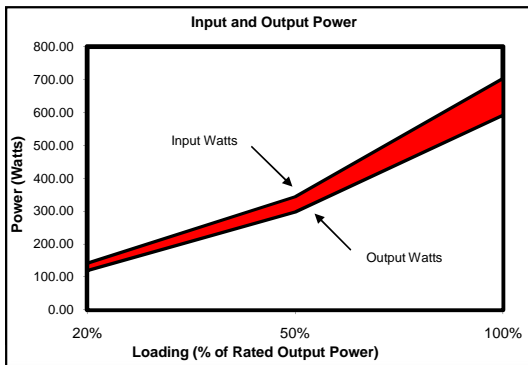
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9.5/4.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 16.88%, 50% Load)

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		
1.29	0.96	26.83%	20%	Light	142.30	11.9/7.7	11.8/0.1	3.4/2.8	5.1/2.8	5/0.5	119.56	84.02%
3.04	0.98	16.88%	50%	Typical	344.20	11.8/19.3	11.8/0.3	3.4/7	5.1/7	5/1.3	297.86	86.54%
6.17	0.99	10.86%	100%	Full	704.00	11.7/38.6	11.8/0.8	3.4/14	5/14.1	4.9/2.5	592.03	84.10%



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/>

