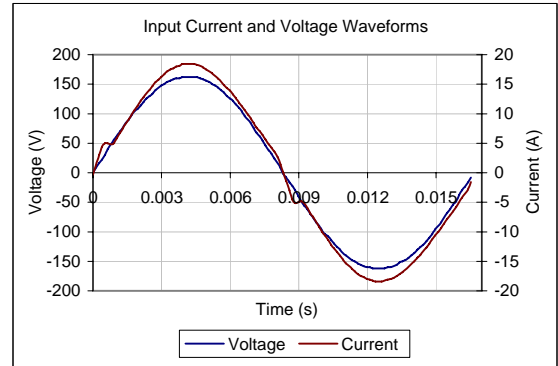


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	84.24%
AVERAGE EFFICIENCY :	83.47%
80 PLUS COMPLIANT:	YES

Ecos ID #	677
Manufacturer	SILVERSTONE
Model Number	SST-ST1200
Serial Number	0803 00086
Year	2008
Type	ATX12V & EPS12V
Test Date	5/20/2008

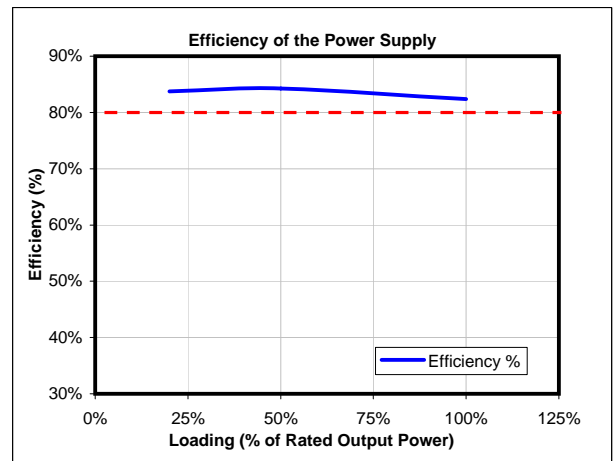
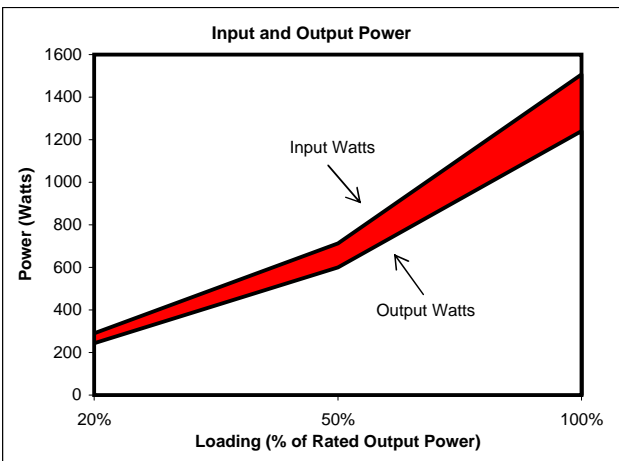


Input AC Current Waveform (ITHD = 4.38%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	19	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	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
2.59	0.98	10.0%	20%	Light	291	12.1/16	11.9/0.1	3.3/5.1	5.1/5.1	5/1	244	83.76%
6.21	1.00	4.4%	50%	Typical	713	12/39.8	12/0.3	3.2/12.7	5/12.7	4.9/2.5	600	84.24%
13.11	1.00	3.3%	100%	Full	1506	11.8/79.6	12.1/0.7	6.1/25.2	4.8/25.4	4.6/5.1	1241	82.40%



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.