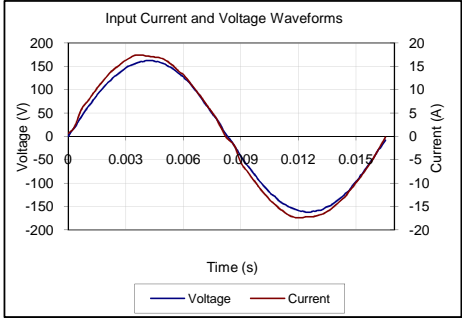


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.13%
AVERAGE EFFICIENCY :	87.29%
80 PLUS COMPLIANT:	YES



Ecos ID #	1469
Manufacturer	SILVERSTONE TECHNOLOGY CO., LTD.
Model Number	SST-ST1500
Serial Number	N/A
Year	2009
Type	EPS12V
Test Date	6/3/2009

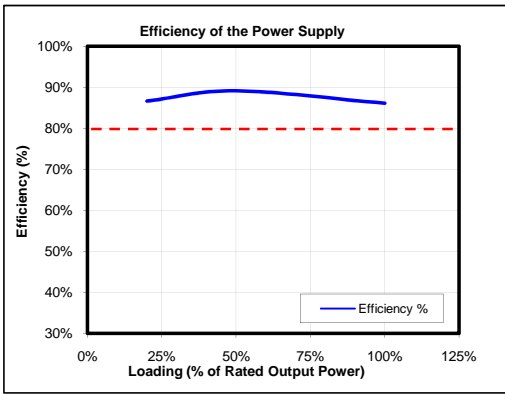
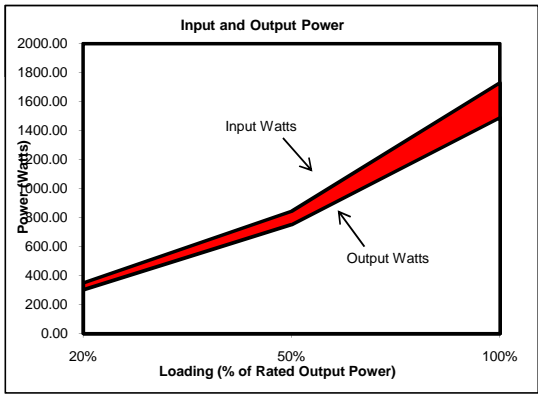


Input AC Current Waveform (ITHD = 9.46%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-18	Amps
Input Frequency	47-63	Hz
Rated Output Power	1500	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		
3.11	0.9769	11.47%	20%	Light	349.40	12.1/22.8	11.5/0.1	3.3/2.9	5.1/2.9	5.1/0.7	302.70	86.63%
7.39	0.9932	9.46%	50%	Typical	844.40	12/56.8	11.5/0.1	3.3/7.1	5/7.1	5/1.7	752.60	89.13%
15.13	0.9952	9.06%	100%	Full	1731.10	11.9/113.4	11.6/0.3	3.3/14.3	5/14.3	5/3.4	1490.63	86.11%



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.