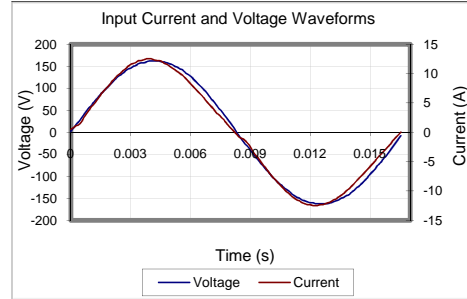


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.36%
AVERAGE EFFICIENCY :	87.67%
80 PLUS COMPLIANT:	YES



Ecos ID #	1785
Manufacturer	SILVERSTONE TECHNOLOGY CO., LTD.
Model Number	SST-ST85F-P
Serial Number	SLUSI093227
Year	2009
Type	ATX12V, EPS12V & PS2
Test Date	11/21/2009

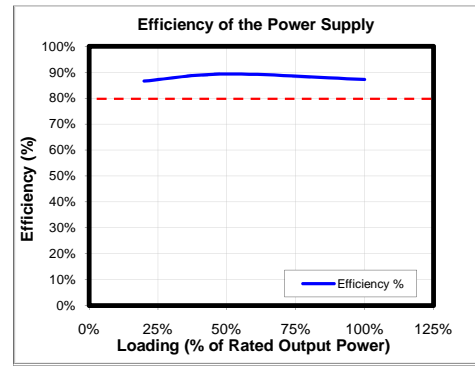
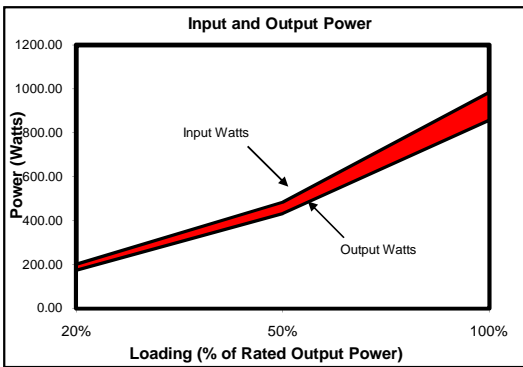


Input AC Current Waveform (ITHD = 7.73%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5.5	Amps
Input Frequency	60-50	Hz
Rated Output Power	850	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
1.79	0.9775	14.30%	20%	Light	201.15	12.2/12.5		11.7/0	3.4/2.2	5.1/2.2	5/0.4	174.02	86.51%
4.23	0.9948	7.73%	50%	Typical	483.90	12.2/31.3		11.8/0.1	3.4/5.4	5.1/5.4	5/0.9	432.40	89.36%
8.57	0.9972	6.12%	100%	Full	984.30	12.1/62.4		11.9/0.2	3.3/10.8	5/10.8	4.9/1.9	857.77	87.15%



These tests were conducted as a part 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 computing technology applications.



Tested by Electric Power Research Institute, Knoxville, TN.