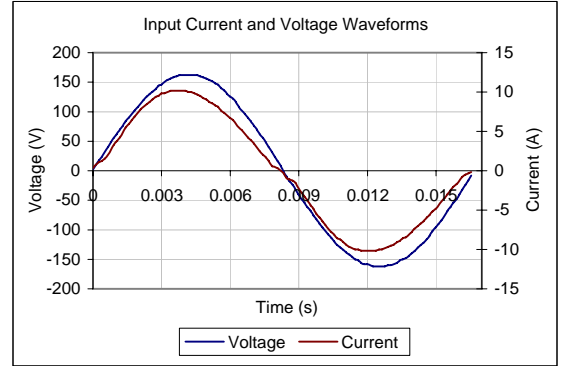


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>88.16%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.20%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	850
<b>Manufacturer</b>	SILVERSTONE
<b>Model Number</b>	SST-ST70EF
<b>Serial Number</b>	S8250000067
<b>Year</b>	2008
<b>Type</b>	EPS12V
<b>Test Date</b>	8/8/2008

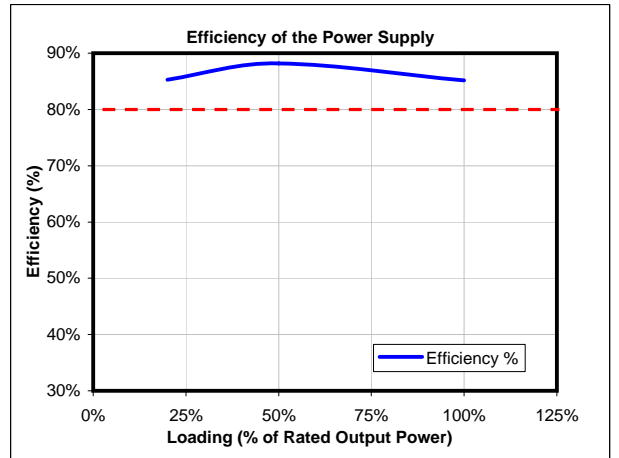
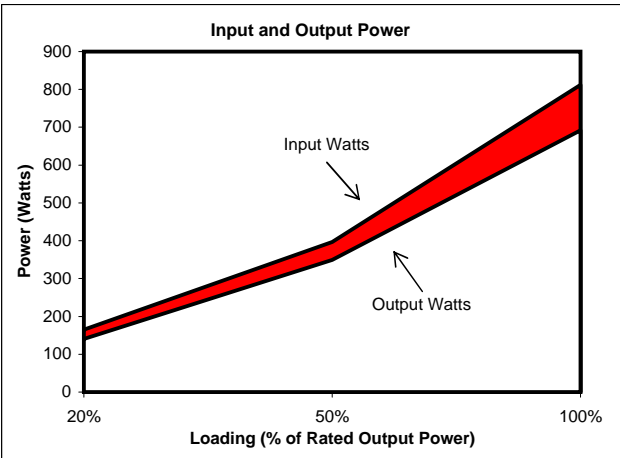


Input AC Current Waveform (ITHD = 8.56%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	12	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>700</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		
1.46	0.98	13.8%	20%	Light	165	12/9.1	0/0	3.3/2.9	5.1/3.6	5/0.6	140	85.26%
3.47	0.99	8.6%	50%	Typical	396	12/22.9	0/0	3.2/7.2	5/9	5/1.4	349	88.16%
7.10	1.00	6.8%	100%	Full	812	11.9/45.7	0/0	3.1/14.4	4.9/18.1	4.9/2.9	692	85.19%



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/>

