

# 80 Plus Verification and Testing Report

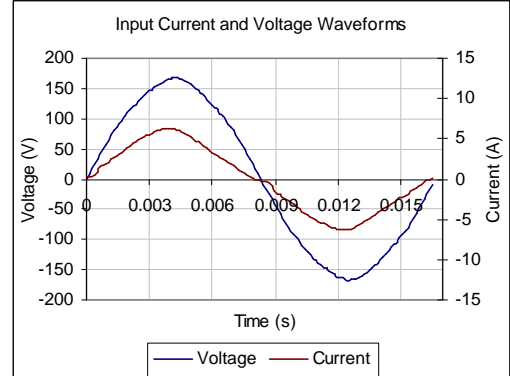
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.31%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>83.34%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	15
<b>Manufacturer</b>	Seasonic
<b>Model Number</b>	SS400HT
<b>Serial Number</b>	CJ11-A2510009
<b>Year</b>	2005
<b>Type</b>	ATX12V
<b>Test Date</b>	1/28/2005

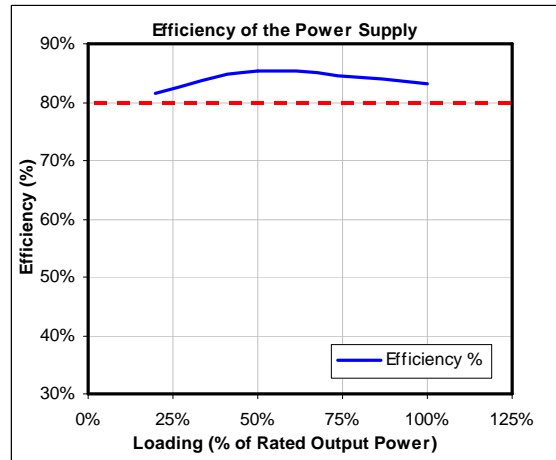
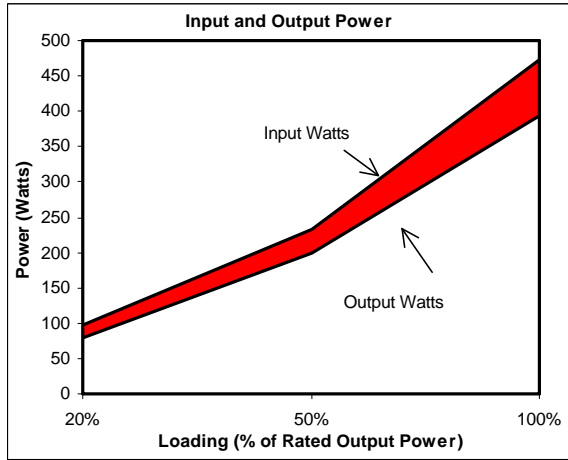
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>400</b>	<b>Watts</b>

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



Input AC Current Waveform ( $I_{THD} = 11.0\%$ , 100% Load)

$I_{RMS}$ A	PF	$I_{THD}$ (%)	Load (%)	Type of Loading	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)						Output Watts	Efficiency %
						12V1	12V2	-12V	3.3V	5V*	5VSB		
0.93	0.91	14.2%	20%	Light	98	12.0/2.2	12.0/2.3	11.6/0.1	3.3/2.8	5.0/2.8	5.0/0.3	80	81.5%
2.09	0.97	12.6%	50%	Typical	234	12.0/5.4	12.0/5.8	11.6/0.3	3.2/7.0	5.0/7.0	5.0/0.8	199	85.3%
4.14	0.98	11.0%	100%	Full	472	11.9/10.8	11.9/10.6	11.6/0.62	3.1/14.0	4.9/14.0	5.0/1.7	393	83.2%



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/>

