

80 PLUS Verification and Testing Report

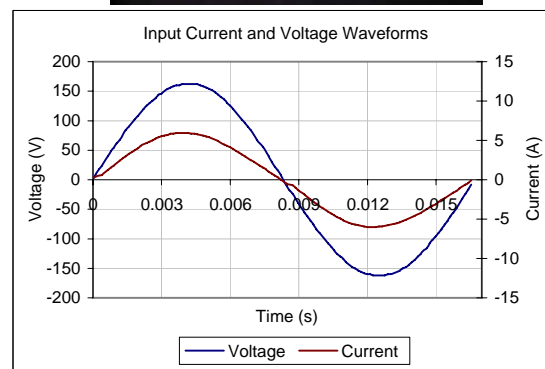
TYPICAL EFFICIENCY (50% Load): 84.36%
AVERAGE EFFICIENCY : 82.50%
80 PLUS COMPLIANT: YES



Ecos ID #	423
Manufacturer	Seasonic
Model Number	SS-400H1U
Serial Number	NA
Year	2007
Type	1U
Test Date	10/29/2007

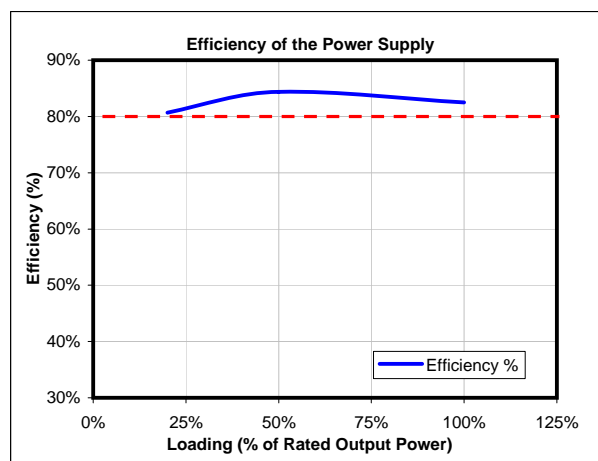
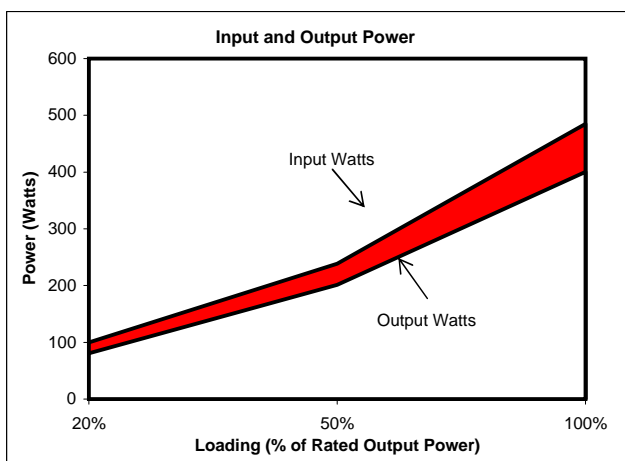
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7	Amps
Input Frequency	50/60	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 5.7%, 50% Load)

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		
0.89	0.98	9.6%	20%	Light	100	12.2/4.6	12.2/0.2	3.3/2.4	5/2.5	4.9/0.5	81	80.66%
2.08	1.00	5.7%	50%	Typical	239	12.1/11.5	12.3/0.4	3.3/6	5/6.3	4.9/1.2	201	84.36%
4.22	1.00	4.5%	100%	Full	485	12.1/23	12.4/0.8	3.2/12	4.9/12.6	4.8/2.5	400	82.48%



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/>

