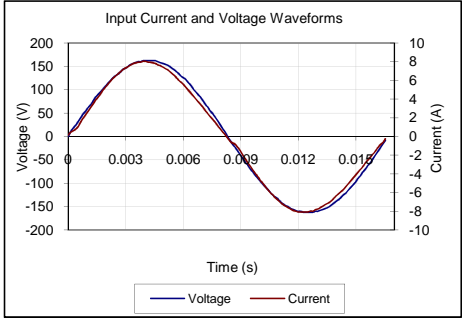


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.82%
AVERAGE EFFICIENCY :	82.79%
80 PLUS COMPLIANT:	YES



Ecos ID #	1349
Manufacturer	SEASONIC
Model Number	SS-520H2U
Serial Number	CO02A104600008
Year	2009
Type	2U
Test Date	3/11/2009

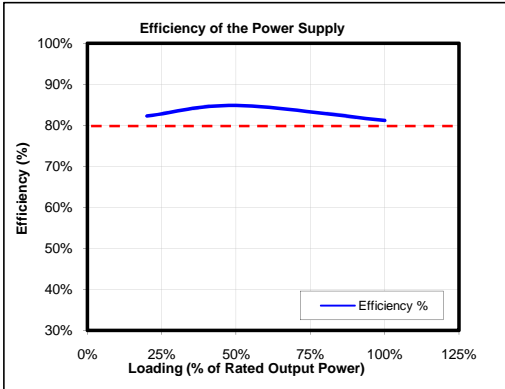
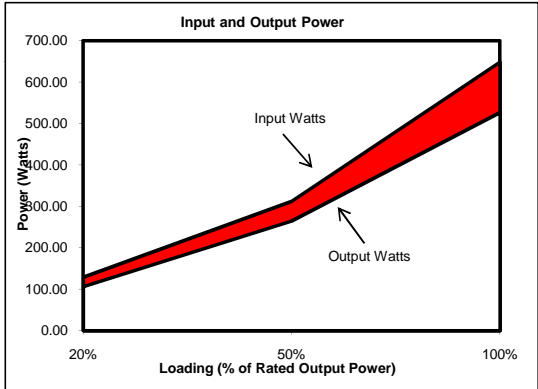


Input AC Current Waveform (ITHD = 6.24%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50/60	Hz
Rated Output Power	520	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		
1.13	0.9892	7.65%	20%	Light	128.93	12.2/6.5	12.4/0.1	3.4/2.6	5/2.8	5/0.5	106.11	82.30%
2.72	0.9969	6.24%	50%	Typical	312.10	12.2/16.1	12.4/0.3	3.4/6.6	5/6.9	5/1.3	264.74	84.82%
5.64	0.9987	4.86%	100%	Full	648.20	12.2/32.2	12.6/0.7	3.4/13.1	5/13.8	5/2.6	526.56	81.23%



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/>

