

80 PLUS Verification and Testing Report

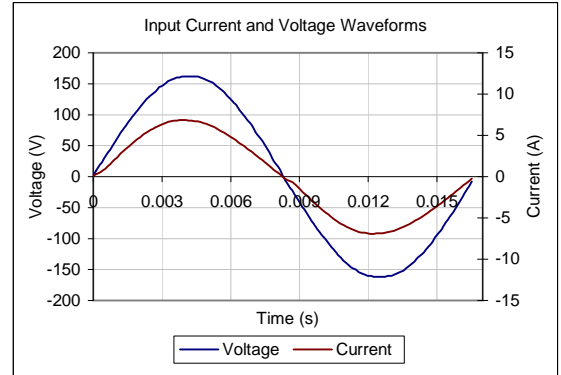


TYPICAL EFFICIENCY (50% Load):	84.30%
AVERAGE EFFICIENCY :	82.54%
80 PLUS COMPLIANT:	YES

Ecos ID #	425
Manufacturer	SEASONIC
Model Number	SS-460H2U
Serial Number	NA
Year	2007
Type	2U
Test Date	11/7/2007

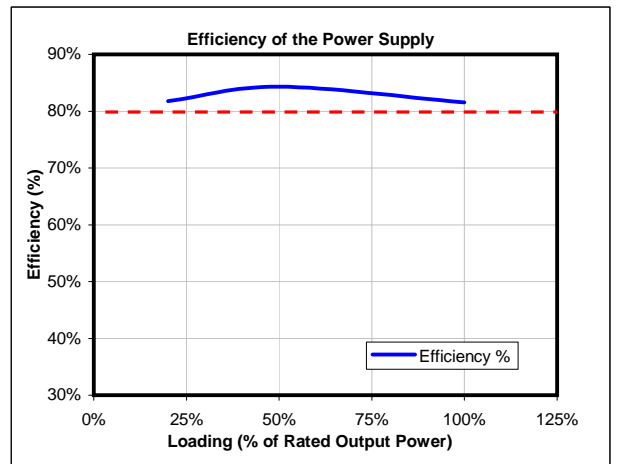
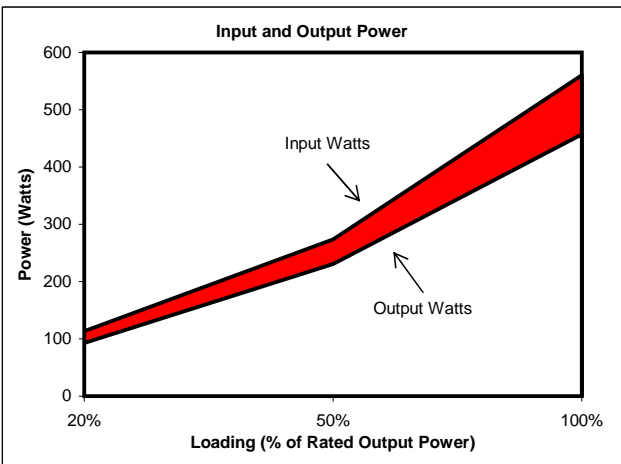
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50/60	Hz
Rated Output Power	460	Watts

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



Input AC Current Waveform (ITHD = 5.9%, 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		
0.99	0.99	8.6%	20%	Light	113	12.1/5.5	12.1/0.2	3.3/2.6	5/2.7	4.9/0.5	93	81.77%
2.38	1.00	5.9%	50%	Typical	273	12.1/13.7	12.2/0.4	3.2/6.5	5/6.8	4.9/1.2	231	84.30%
4.88	1.00	4.5%	100%	Full	561	12/27.3	12.4/0.8	3.2/12.9	4.9/13.6	4.8/2.5	457	81.54%



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/>

