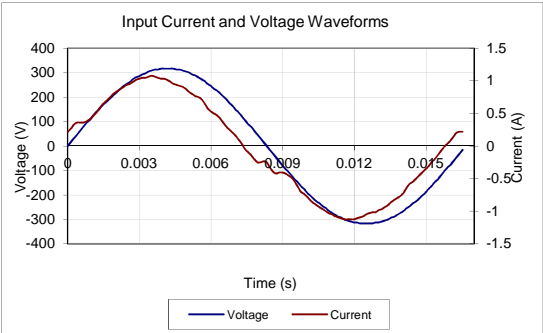


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.43%
AVERAGE EFFICIENCY :	93.22%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-935.1
Manufacturer	Supermicro Computer Inc.
Model Number	PWS-407P-1R
Serial Number	N/A
Year	2015
Type	1U
Test Date	06/19/15



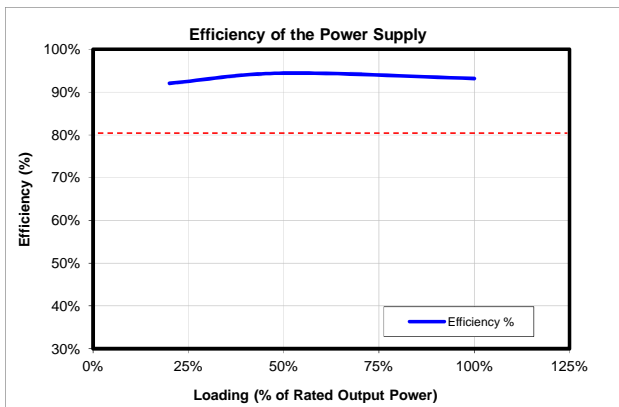
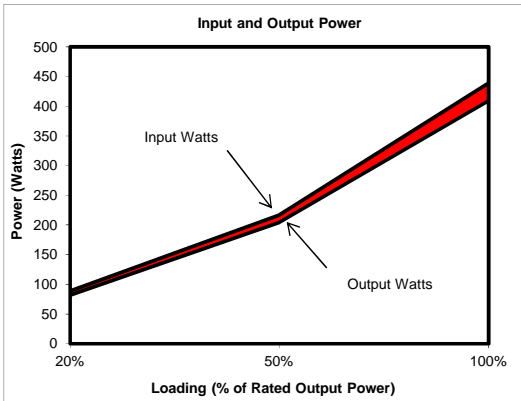
Input AC Current Waveform (ITHD = 8.76%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.0-3.0	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V	5Vsb		
0.26	0.79	29.99	10%	Low	48	1.31	12.27/3.21	5.05/0.29	41	85.64%
0.43	0.91	20.42	20%	Light	89	1.31	12.26/6.45	5.05/0.58	82	92.05%
0.96	0.98	8.76	50%	Typical	217	1.31	12.24/16.11	5.02/1.46	205	94.43%
1.92	1.00	5.29	100%	Full	439	1.90	12.25/32.23	4.98/2.92	409	93.17%

* Fan power is not included in the efficiency calculations



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/>

