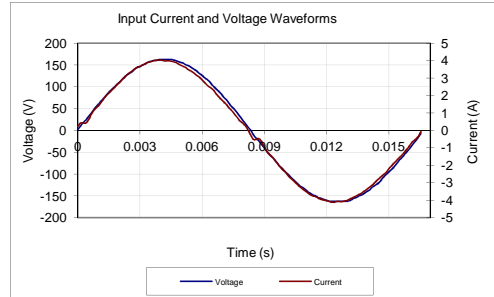


## 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.48%
AVERAGE EFFICIENCY :	91.06%
80 PLUS COMPLIANT:	YES



Ecos ID #	3134
Manufacturer	Super Micro Computer Inc.
Model Number	PWS-605P-1H
Serial Number	P605A1145A00264
Year	2012
Type	1U
Test Date	5/22/2012

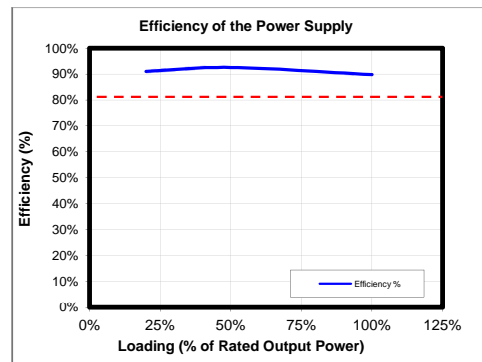
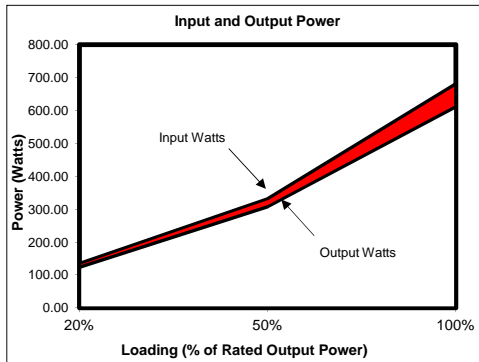


Input AC Current Waveform (ITHD = 3.08%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7.5	Amps
Input Frequency	50/60	Hz
Rated Output Power	600	Watts

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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
0.65	0.97	9.92%	10%	71.88	12.3/4.2		11.9/0	3.3/0.9	5.1/1.1	5.1/0.3	61.57	85.65%
1.19	0.99	5.71%	20%	135.69	12.3/8.3		11.9/0.1	3.3/1.8	5.1/2.2	5.1/0.5	123.40	90.94%
2.89	1.00	3.08%	50%	332.60	12.3/20.8		11.9/0.2	3.3/4.5	5.1/5.5	5/1.3	307.60	92.48%
5.93	1.00	2.50%	100%	681.90	12.3/41.6		11.9/0.4	3.3/9.1	5.1/10.9	5/2.5	611.92	89.74%



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/>

