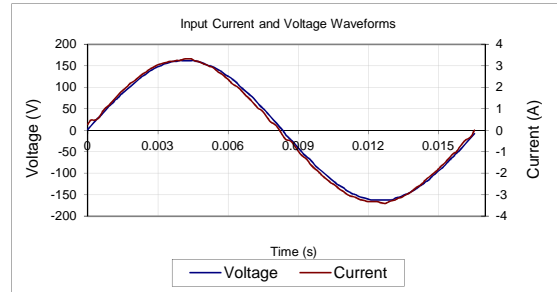


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.19%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.17%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4232.1
<b>Manufacturer</b>	Super Micro Computer Inc.
<b>Model Number</b>	PWS-505P-1H
<b>Serial Number</b>	N/A
<b>Year</b>	2015
<b>Type</b>	1U
<b>Test Date</b>	2/13/15

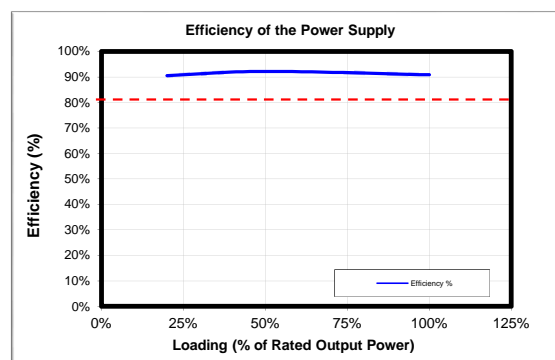
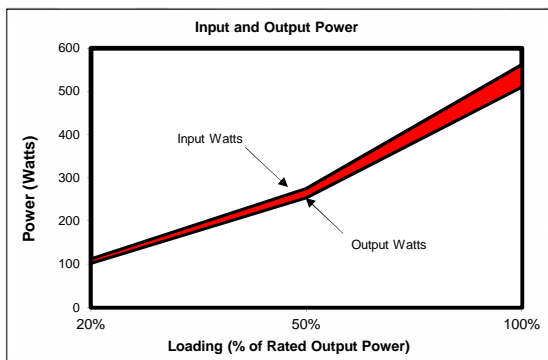


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.6-3.2	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>500</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 1.88%, 50% Load)

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
0.53	0.97	9.63%	10%	59.70	12.24/3.49		12.44/0.02	3.33/0.71	5.08/0.89	5.08/0.25	51.11	85.61%
0.99	0.99	4.54%	20%	112.42	12.19/6.97		12.36/0.03	3.32/1.42	5.08/1.77	5.07/0.51	101.73	90.49%
2.39	1.00	1.88%	50%	275.20	12.17/17.45		11.66/0.08	3.32/3.55	5.07/4.41	5.04/1.27	253.72	92.19%
4.89	1.00	1.61%	100%	561.90	12.29/34.81		11.6/0.17	3.3/7.11	5.06/8.81	5/2.54	510.38	90.83%



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>

