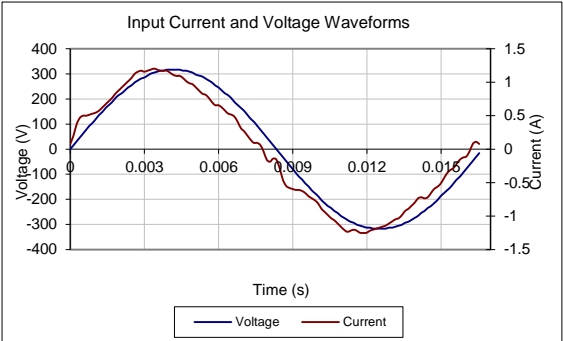


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.39%
AVERAGE EFFICIENCY :	95.45%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-1060.1
Manufacturer	Super Micro Computer, Inc.
Model Number	PWS-1K05A-1R
Serial Number	N/A
Year	2016
Type	1U
Test Date	01/29/16



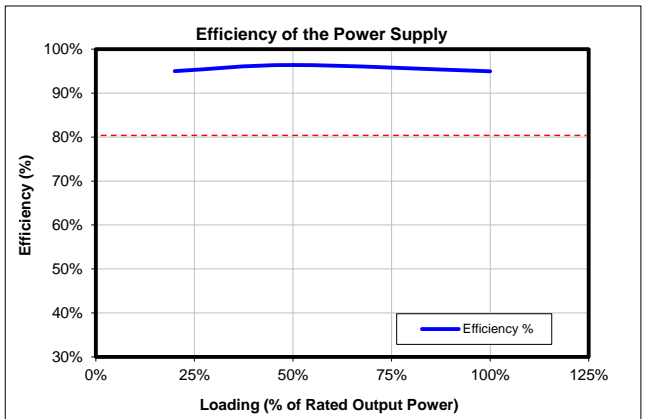
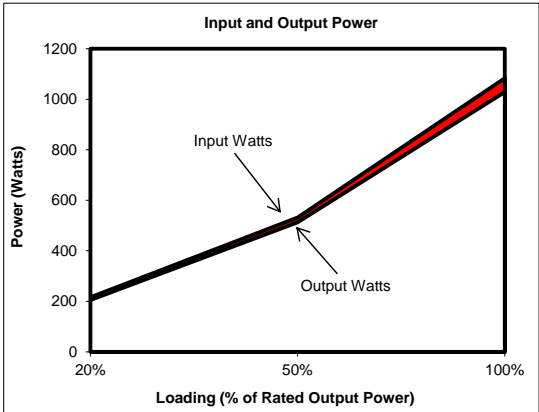
Rated Specifications	Value	Units
Input Voltage	200.240	Volts
Input Current	6-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1,000	Watts

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

Input AC Current Waveform (ITHD = 3.72%, 50% Load)

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		
0.51	0.95	12.83	10%	Low	112	5.76	12.38/8.19	5.14/0.39	103	92.06%
0.96	0.98	6.82	20%	Light	217	5.64	12.29/16.41	5.12/0.79	206	95.00%
2.33	0.99	3.72	50%	Typical	532	5.64	12.26/40.99	5.09/1.97	513	96.39%
4.71	1.00	2.05	100%	Full	1083	5.76	12.31/81.96	5.03/3.94	1029	94.96%

* 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/>

