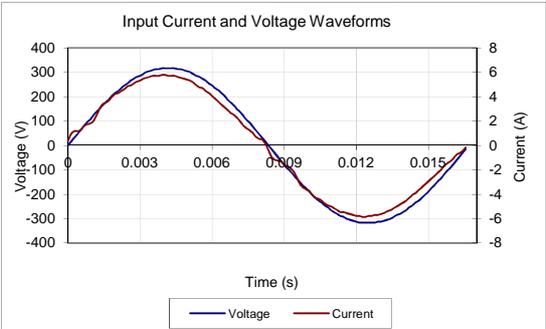


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.14%
AVERAGE EFFICIENCY :	95.00%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-874.1
Manufacturer	Super Micro Computer Inc.
Model Number	PWS-2K01A-BR
Serial Number	N.A
Year	2015
Type	2U
Test Date	02/11/15



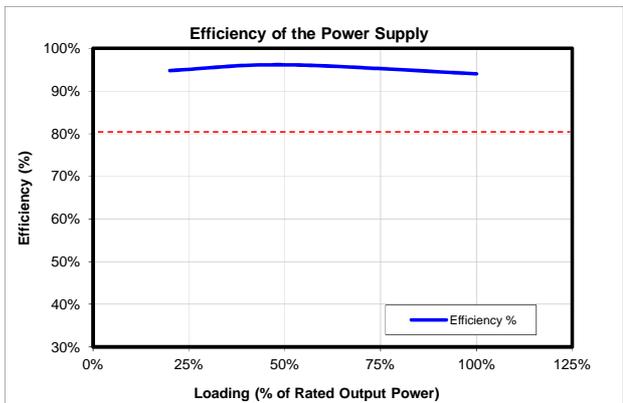
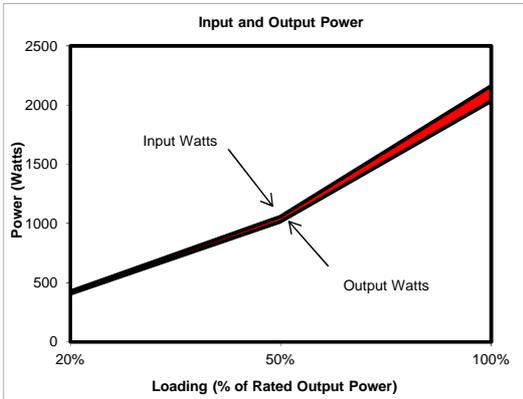
Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	12 - 9.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	2,000	Watts

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

Input AC Current Waveform (ITHD = 3.55%, 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	12Vsb		
1.03	0.93	10.92	10%	Low	219	3.33	12.19/16.32	12.18/0.41	204	93.03%
1.92	0.97	6.97	20%	Light	430	3.21	12.19/32.61	12.16/0.8	407	94.79%
4.63	1.00	3.55	50%	Typical	1059	3.21	12.19/81.53	12.13/2.05	1018	96.14%
9.45	1.00	2.34	100%	Full	2163	6.31	12.18/162.98	12.06/4.1	2034	94.05%

* 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/>

