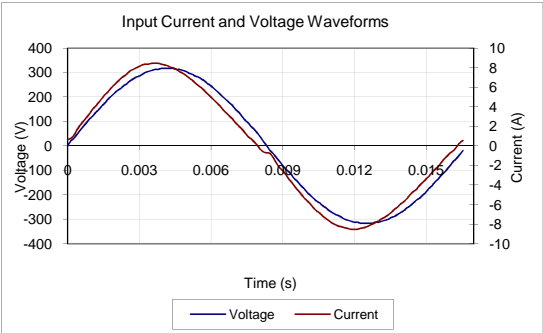


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.07%
AVERAGE EFFICIENCY :	93.04%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-236.1
Manufacturer	Super Micro Computer, Inc
Model Number	PWS-2K53-BR
Serial Number	C34900009A00174
Year	2011
Type	CUSTOM
Test Date	1/26/2011



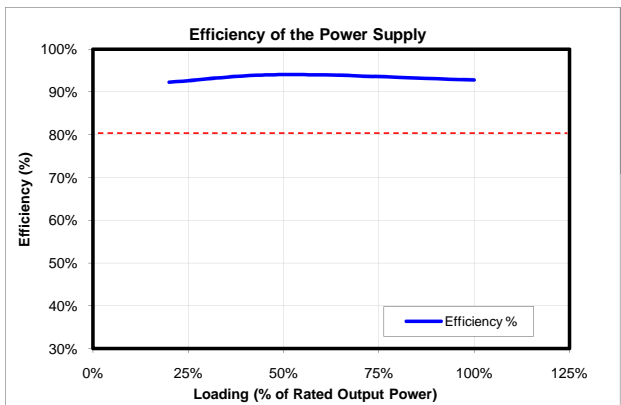
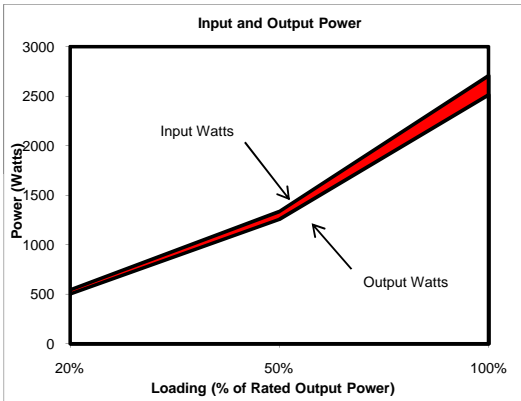
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	15-11	Amps
Input Frequency	50-60	Hz
Rated Output Power	2,500	Watts

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

Input AC Current Waveform (ITHD = 6.32%, 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		
1.32	0.93	14.59	*10%	Low	283	15.84	12.07/20.19	5.04/1.55	251	88.96%
2.43	0.97	9.01	20%	Light	545	15.96	12.07/40.37	5.03/3.11	503	92.26%
5.86	0.99	6.32	50%	Typical	1336	15.96	12.07/100.95	5.02/7.75	1257	94.07%
11.83	1.00	5.26	100%	Full	2710	15.60	12.07/201.88	5.01/15.53	2515	92.80%

* 10% load results are for informative purposes only and not included in certification requirements.
 ** 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/>

