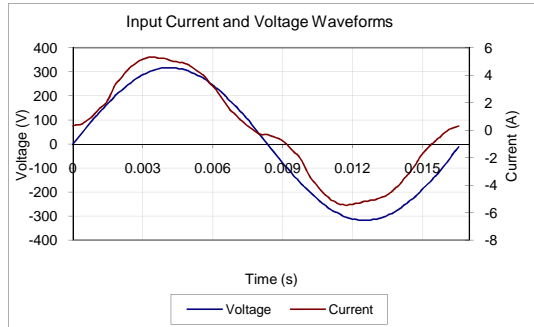


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.89%
AVERAGE EFFICIENCY :	91.63%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-140.2
Manufacturer	SUPER MICRO COMPUTER INC.
Model Number	PWS-704P-1R
Serial Number	N/A
Year	2010
Type	1U
Test Date	3/2/2010



Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-3.8	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

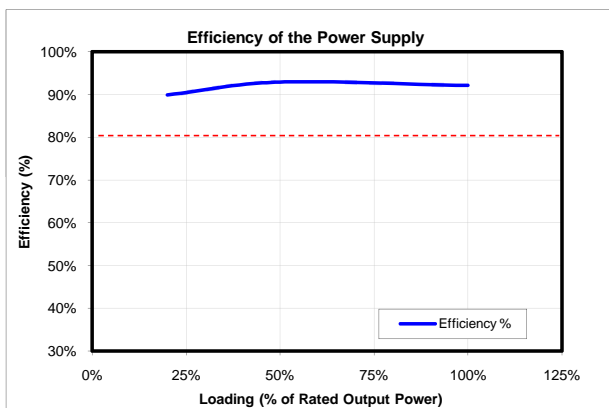
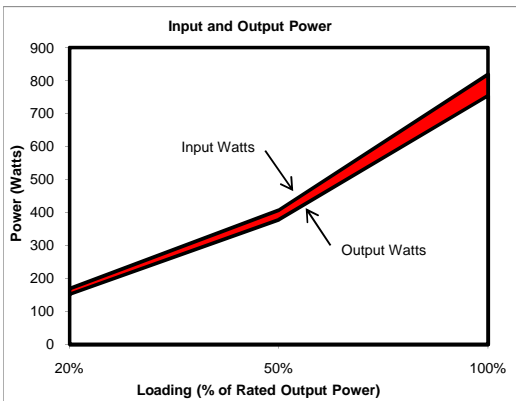
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

Input AC Current Waveform (ITHD = 15.71%, 100% 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		
0.48	0.82	25.37	*10%	Low	91	0.60	12.17/6.18	5.12/0.3	77	84.33%
0.83	0.89	28.42	20%	Light	170	0.60	12.15/12.29	5.12/0.59	152	89.88%
1.87	0.95	25.13	50%	Typical	407	0.60	12.08/30.69	5.09/1.48	378	92.89%
3.64	0.98	15.71	100%	Full	819	0.60	12.06/61.32	5.07/2.96	754	92.10%

* 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/>

