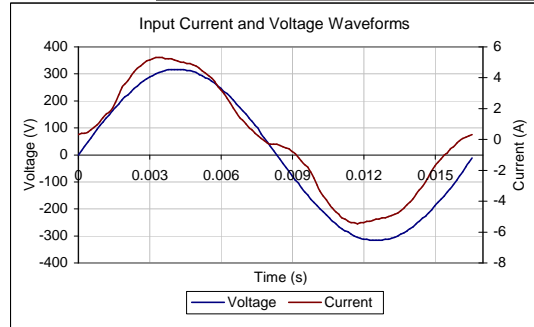


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.89%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.63%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	SO-140
<b>Manufacturer</b>	SUPER MICRO COMPUTER, INC.
<b>Model Number</b>	PWS-703P-1R
<b>Serial Number</b>	N/A
<b>Year</b>	2010
<b>Type</b>	1U
<b>Test Date</b>	3/2/2010



Rated Specifications	Value	Units
Input Voltage	180-240	Volts
Input Current	5-3.8	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>750</b>	<b>Watts</b>

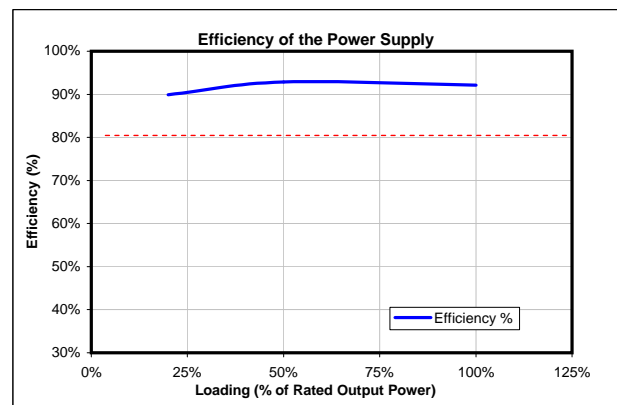
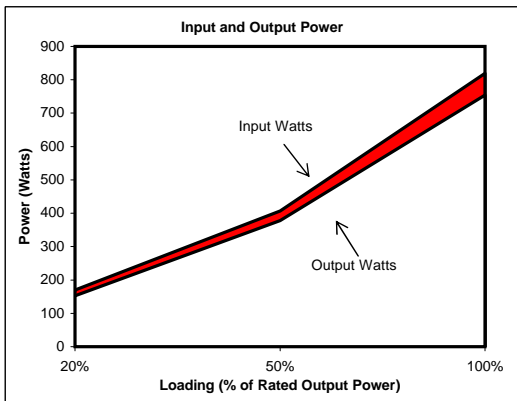
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

Input AC Current Waveform (ITHD = 15.71%, 100% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)**	DC Terminal Voltage (V) DC Load Current (A)		Output Watts	Efficiency %
							12V	5Vsb		
0.48	0.8235	25.37	*10%	Low	91	0.60	12.17/6.18	5.12/0.3	77	84.33%
0.83	0.8919	28.42	20%	Light	170	0.60	12.15/12.29	5.12/0.59	152	89.88%
1.87	0.9464	25.13	50%	Typical	407	0.60	12.08/30.69	5.09/1.48	378	92.89%
3.64	0.9783	15.71	100%	Full	819	6.36	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<sup>®</sup> 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/>

