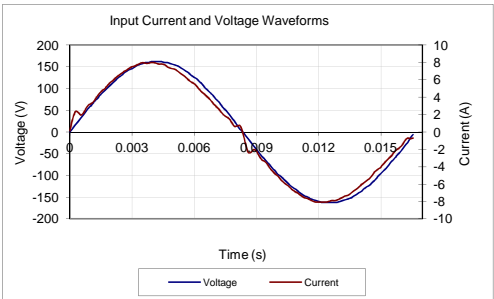


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.09%
AVERAGE EFFICIENCY :	90.63%
80 PLUS COMPLIANT:	YES



Ecos ID #	2922.1
Manufacturer	Supermicro
Model Number	PWS-1K25P-PQ
Serial Number	P1K251128A00314
Year	2011
Type	PS2
Test Date	12/6/2011

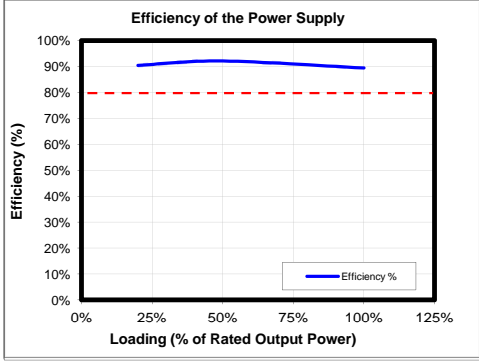
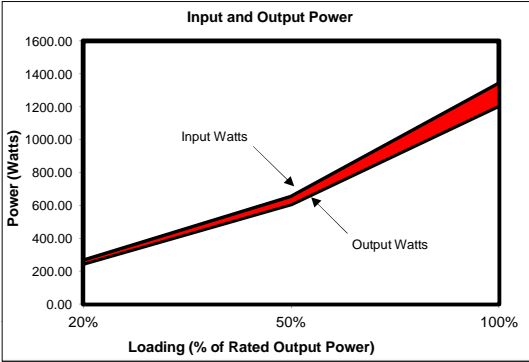


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-8	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1200</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

Input AC Current Waveform (ITHD = 4.78%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V) / DC Load Current (A)				Output Watts	Efficiency %	
						12V (cumulative of 12V1, 12V2, etc.)						
2.36	0.99	8.29%	20%	Light	268.10	12.1/18	12.1/0	3.3/2.6	5.1/2.6	5.1/0.5	242.44	90.43%
5.73	1.00	4.78%	50%	Typical	656.30	12.1/44.9	12.1/0.1	3.3/6.5	5.1/6.5	5.1/1.4	604.37	92.09%
11.73	1.00	4.71%	100%	Full	1347.00	12/89.7	12.1/0.3	3.2/13	5/13	5.1/2.7	1203.72	89.36%



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/>

