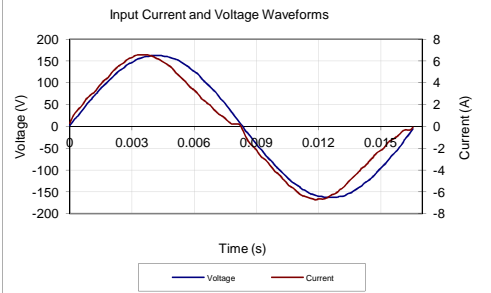


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.23%
AVERAGE EFFICIENCY :	88.55%
80 PLUS COMPLIANT:	YES



Ecos ID #	3007
Manufacturer	Super Micro Computer
Model Number	PWS-903-PQ
Serial Number	P903Q1145A00319
Year	2012
Type	PS2
Test Date	2/16/2012

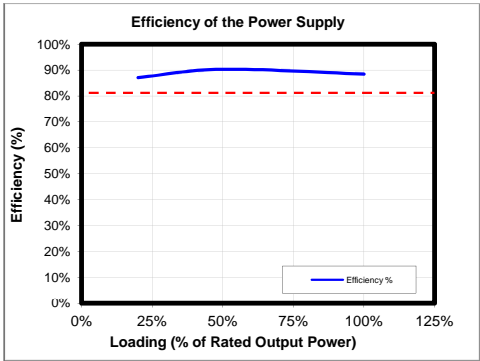
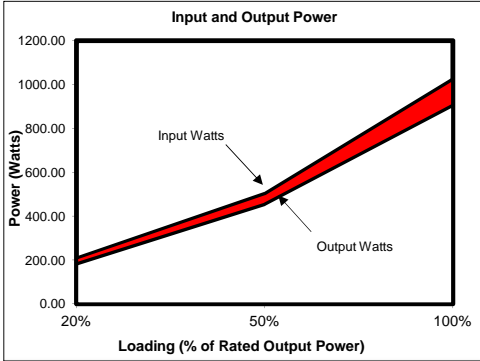


Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	10-6	Amps
Input Frequency	50/60	Hz
Rated Output Power	900	Watts

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

Input AC Current Waveform (ITHD = 9.81%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %		
					12V (cumulative of 12V1, 12V2, etc.)		-12V	3.3V			5V	5Vsb
1.02	0.97	12.13%	10%	113.85	12.1/6.2		11.6/0	3.3/1.6	5/1.6	5.1/0.4	91.08	80.00%
1.85	0.99	8.38%	20%	209.71	12.1/12.4		11.5/0.1	3.3/3.2	5/3.2	5.1/0.7	182.49	87.02%
4.46	0.98	9.81%	50%	503.50	12.1/31.1		11.6/0.2	3.3/8	5/8	5.1/1.7	454.33	90.23%
8.98	0.99	8.29%	100%	1025.40	12.1/62.1		11.7/0.4	3.3/16	5/16.1	5.1/3.5	906.32	88.39%



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/>

