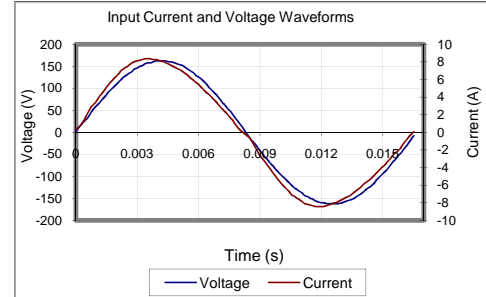


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.29%
AVERAGE EFFICIENCY :	89.83%
80 PLUS COMPLIANT:	YES



Ecos ID #	2014.1
Manufacturer	SUPER MICRO COMPUTER INC.
Model Number	PWS-601-1H
Serial Number	N/A
Year	2010
Type	1U
Test Date	4/8/2010

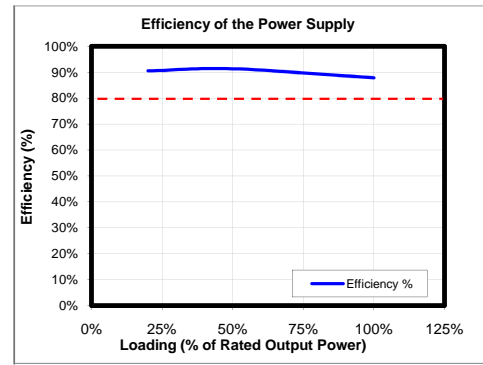
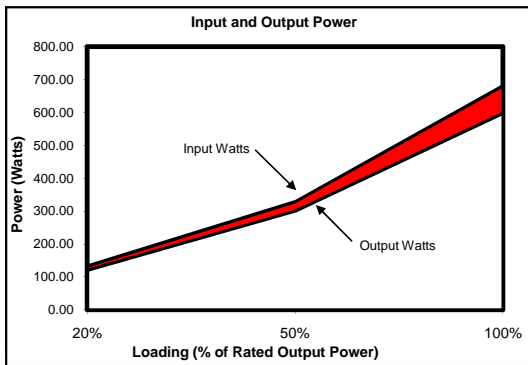


Input AC Current Waveform (ITHD = 8.99%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7.5-3.1	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V) / DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)						
1.19	0.98	15.43%	20%	Light	133.40	12/7.9					120.67	90.46%
2.90	0.99	8.99%	50%	Typical	329.00	12/19.7					300.34	91.29%
5.96	0.99	5.28%	100%	Full	681.50	11.9/39.3					598.03	87.75%



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/>

