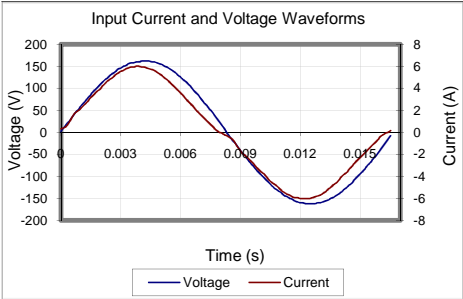


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.27%
AVERAGE EFFICIENCY :	88.65%
80 PLUS COMPLIANT:	YES



Ecos ID #	1907
Manufacturer	SUPER MICRO COMPUTER INC.
Model Number	PWS-333-1H
Serial Number	N/A
Year	2010
Type	1U
Test Date	2/4/2010

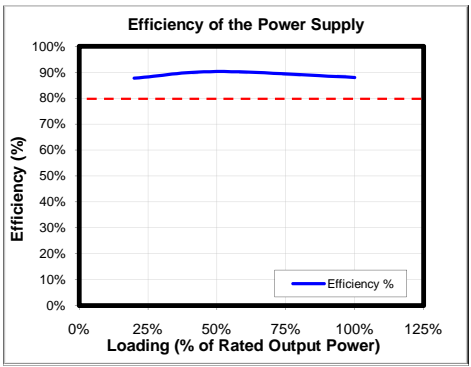
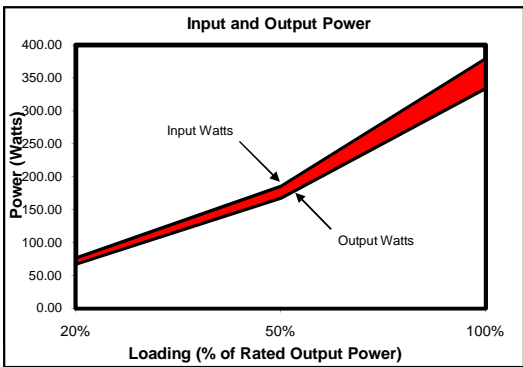


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	2.8-4.5	Amps
Input Frequency	50/60	Hz
Rated Output Power	330	Watts

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

Input AC Current Waveform (ITHD = 8.51%, 50% Load)

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.)						
0.68	0.9763	12.66%	20%	Light	76.33	12.2/4	11.7/0.1	3.4/1.6	5.1/1.9	5.1/0.4	66.94	87.70%
1.63	0.9863	8.51%	50%	Typical	185.34	12.2/10	11.6/0.2	3.4/4	5.1/4.8	5.1/1.1	167.31	90.27%
3.33	0.9915	5.72%	100%	Full	379.50	12.1/20	11.9/0.4	3.3/7.9	5.1/9.5	5.1/2.2	333.93	87.99%



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These tests were conducted as a part 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 computing technology applications.



Tested by Electric Power Research Institute, Knoxville, TN.