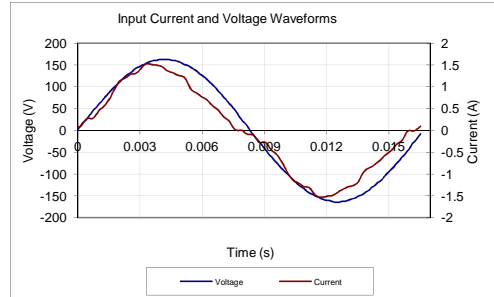


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.51%
AVERAGE EFFICIENCY :	89.00%
80 PLUS COMPLIANT:	YES



Ecos ID #	3006
Manufacturer	Supermicro
Model Number	PWS-203-1H
Serial Number	DP17A037001 001
Year	2012
Type	1U
Test Date	2/16/2012

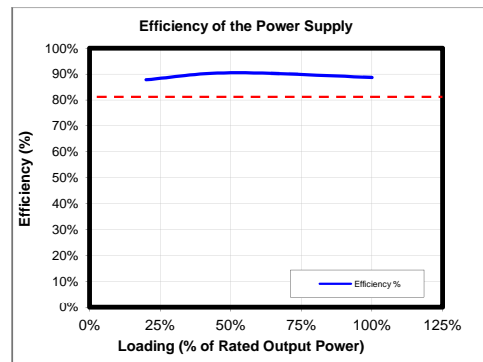
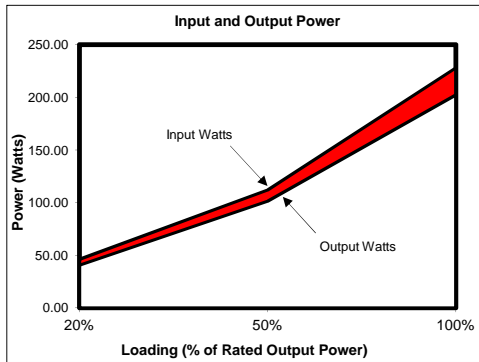


Input AC Current Waveform (ITHD = 13.93%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	2.6	Amps
Input Frequency	50/60	Hz
Rated Output Power	200	Watts

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

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.)						
0.24	0.92	24.18%	10%	24.91	12.2/1.2	12.2/0	3.3/0.5	5/0.5	5.1/0.2	20.32	81.59%
0.42	0.96	19.38%	20%	46.23	12.2/2.5	12.1/0.1	3.3/0.9	5/0.9	5.1/0.3	40.59	87.80%
0.99	0.98	13.93%	50%	112.04	12.2/6.2	11.9/0.2	3.3/2.3	5/2.3	5.1/0.8	101.41	90.51%
2.02	0.98	10.34%	100%	228.10	12.2/12.4	11.9/0.4	3.3/4.7	5/4.7	5.1/1.5	202.34	88.71%



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/>

