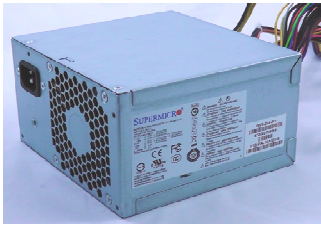
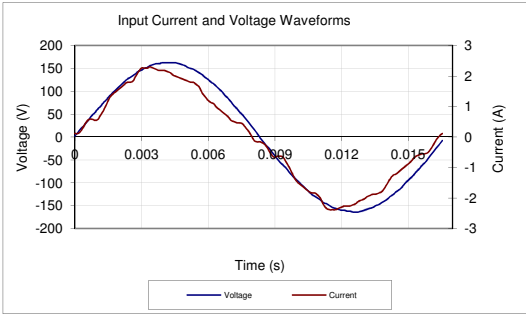


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.83%
AVERAGE EFFICIENCY :	84.90%
80 PLUS COMPLIANT:	YES



Ecos ID #	3291
Manufacturer	Super Micro Computer Inc.
Model Number	PWS-305-PQ
Serial Number	672042116669
Year	2012
Type	ATX12V
Test Date	13-Sep-12

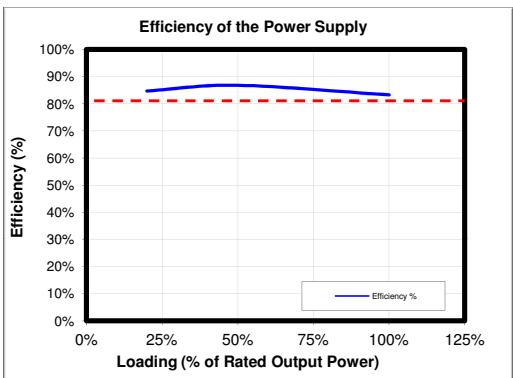
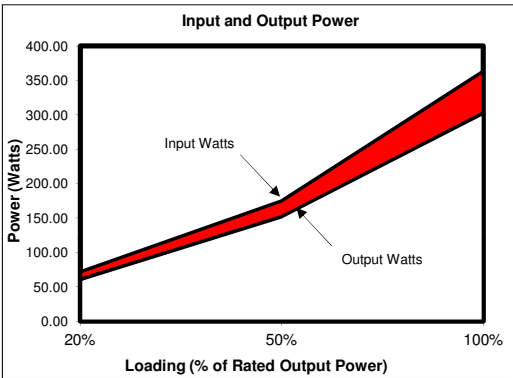


Input AC Current Waveform (ITHD = 10.8%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	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.)						
0.35	0.95	10.67%	10%	38.94	12.2/1.7	11.9/0	3.4/0.9	5.1/1	5.1/0.2	30.51	78.35%
0.64	0.98	11.38%	20%	72.04	12.2/3.5	11.9/0	3.4/1.9	5.1/2	5.1/0.3	60.99	84.67%
1.54	0.99	10.80%	50%	175.35	12.2/8.7	12.1/0.1	3.3/4.6	5.1/5	5.1/0.8	152.26	86.83%
3.23	0.98	12.51%	100%	363.80	12.1/17.3	12.3/0.2	3.3/9.2	5.1/10.1	5.1/1.6	302.73	83.21%



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/>

