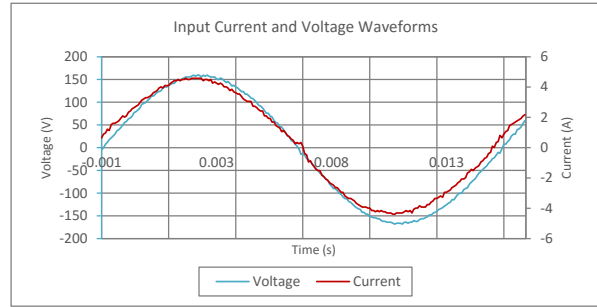


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.56%
AVERAGE EFFICIENCY :	91.19%
80 PLUS COMPLIANT:	YES



ID Number	5205
Manufacturer	Super Micro Computer Inc.
Model Number	PWS-668-PQ
Serial Number	N/A
Year	2017
Type	PS2
Test Date	1/15/18

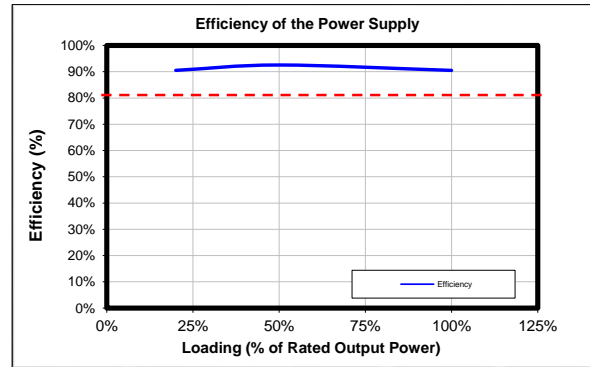
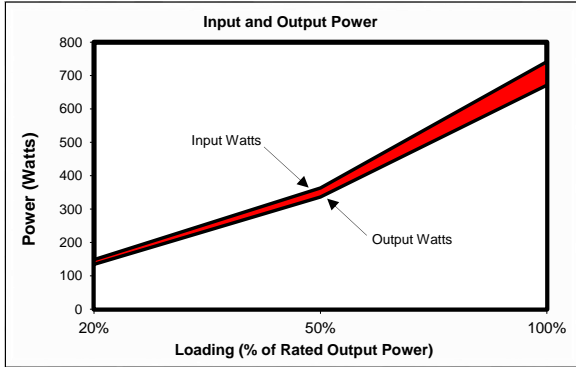


Input AC Current Waveform (ITHD = 1.77%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50/60	Hz
Rated Output Power	668	Watts

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

I _{RMS}	PF	I _{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)						
0.70	0.96	8.50%	10%	77.22	12.08/4.63	12.16/0.01	3.32/1.03	4.96/1.38	5.08/0.17	67.12	86.92%
1.31	0.99	3.51%	20%	148.68	12.07/9.29	12.16/0.02	3.32/2.06	4.96/2.73	5.08/0.34	134.58	90.52%
3.17	1.00	1.77%	50%	363.40	12.06/23.27	12.18/0.04	3.32/5.17	4.95/6.82	5.06/0.86	336.36	92.56%
6.46	1.00	2.38%	100%	741.75	12.08/46.37	12.2/0.09	3.31/10.34	4.93/13.61	5.04/1.71	671.31	90.50%



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/>

