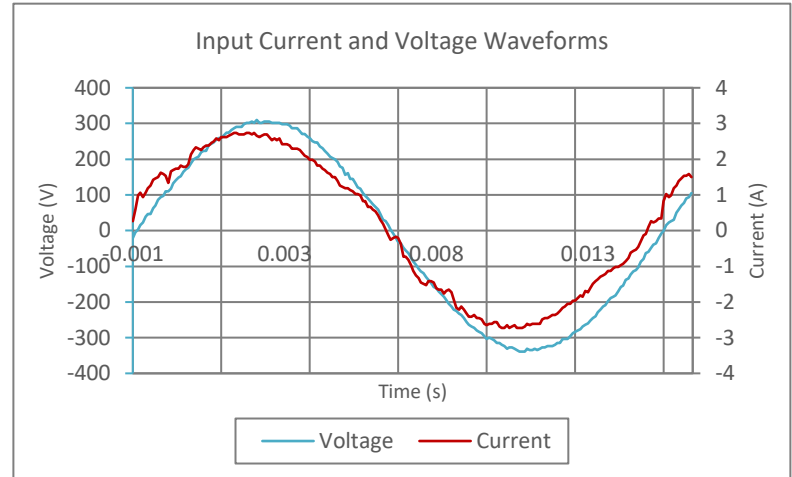


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.40%
AVERAGE EFFICIENCY :	93.33%
80 PLUS COMPLIANT:	YES



ID Number	SO-1489
Manufacturer	Super Micro Computer Inc.
Model Number	PWS-804P-1R
Serial Number	N/A
Year	2019
Type	1U
Test Date	01/09/19



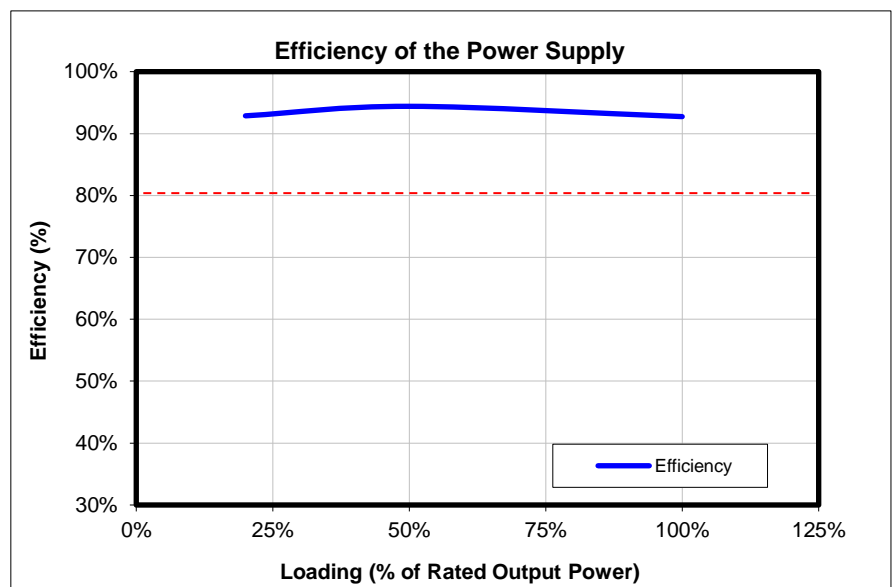
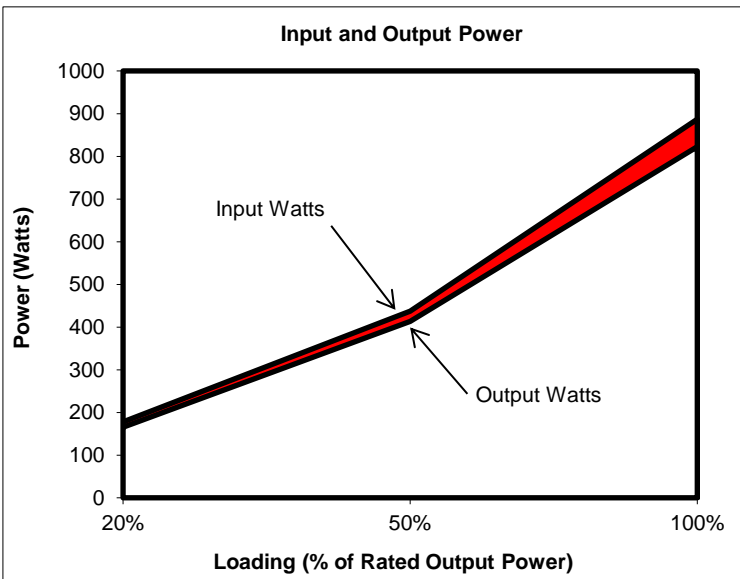
Input AC Current Waveform (ITHD = 6.03%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	10/5.5	Amps
Input Frequency	50/60	Hz
Rated Output Power	800	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							12V	5Vsb		
0.44	0.92	14.21%	10%	Low	92	1.32	12.38/6.52	5.09/0.39	83	89.71%
0.80	0.97	6.93%	20%	Light	178	1.32	12.39/13.03	5.07/0.79	165	92.86%
1.93	0.99	6.03%	50%	Typical	437	1.44	12.36/32.6	5.01/1.96	413	94.40%
3.86	1.00	4.68%	100%	Full	887	4.56	12.32/65.19	4.91/3.92	823	92.74%

* Fan power is not included in the efficiency calculations



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/>

