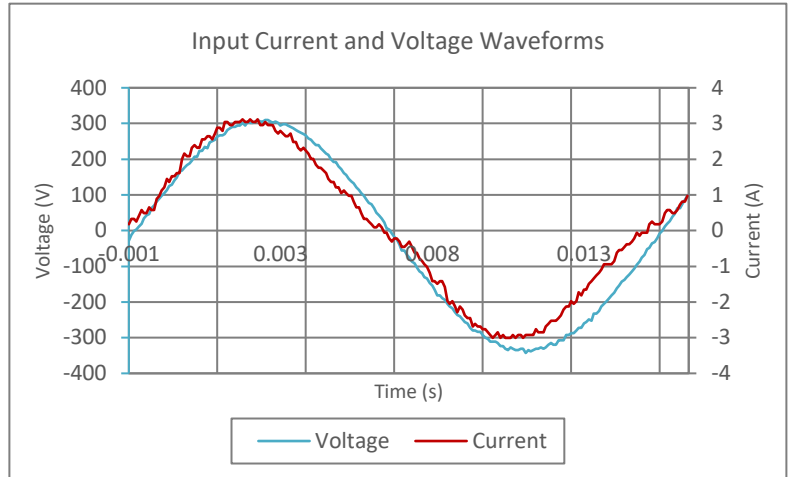


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.62%
AVERAGE EFFICIENCY :	93.05%
80 PLUS COMPLIANT:	YES



ID Number	SO-1837.1
Manufacturer	Super Micro Computer Inc.
Model Number	PWS-860P-1R2
Serial Number	N/A
Year	2021
Type	1U
Test Date	01/22/21

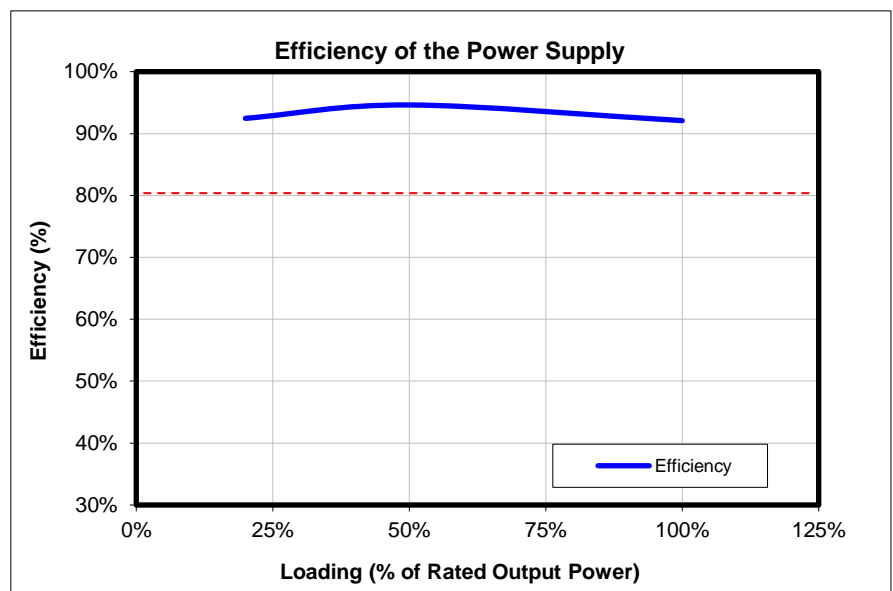
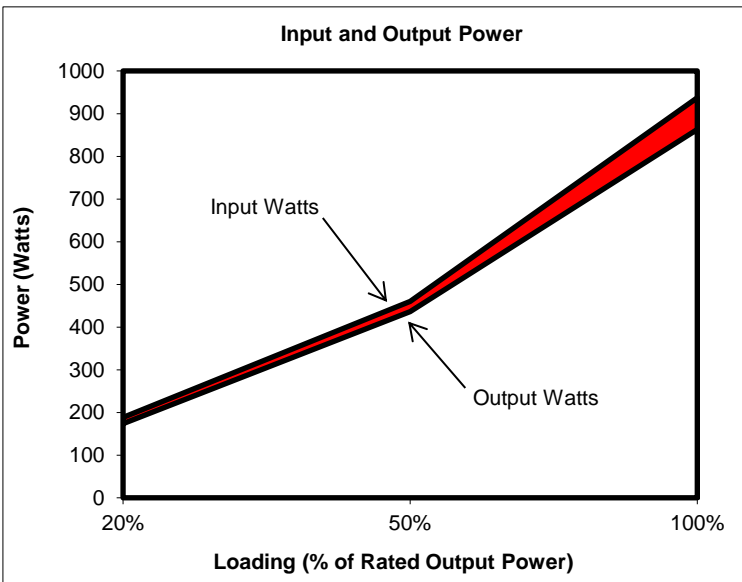


Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	9.5-7.5/5.5-4.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	860	Watts

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		
0.55	0.86	15.98%	10%	Low	109	1.44	12.17/7.02	5.08/0.39	87	80.56%
0.89	0.92	12.80%	20%	Light	188	0.96	12.11/14.03	5.06/0.79	174	92.46%
2.06	0.97	10.31%	50%	Typical	461	1.20	12.07/35.3	4.99/1.96	436	94.62%
4.12	0.99	6.52%	100%	Full	937	4.43	12.02/70.19	4.87/3.93	863	92.08%

* 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/>