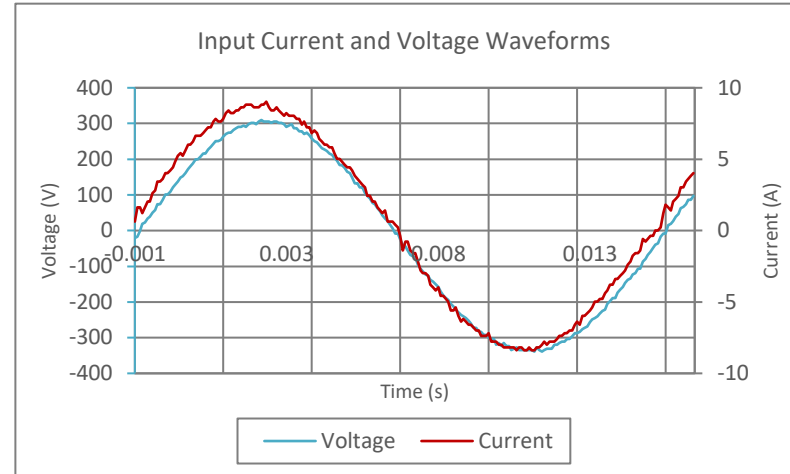


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.21%
AVERAGE EFFICIENCY :	95.50%
80 PLUS COMPLIANT:	YES



ID Number	SO-1822.1
Manufacturer	Super Micro Computer Inc.
Model Number	PWS-2K63A-1R
Serial Number	W102-20090013W00008
Year	2020
Type	1U
Test Date	01/12/21



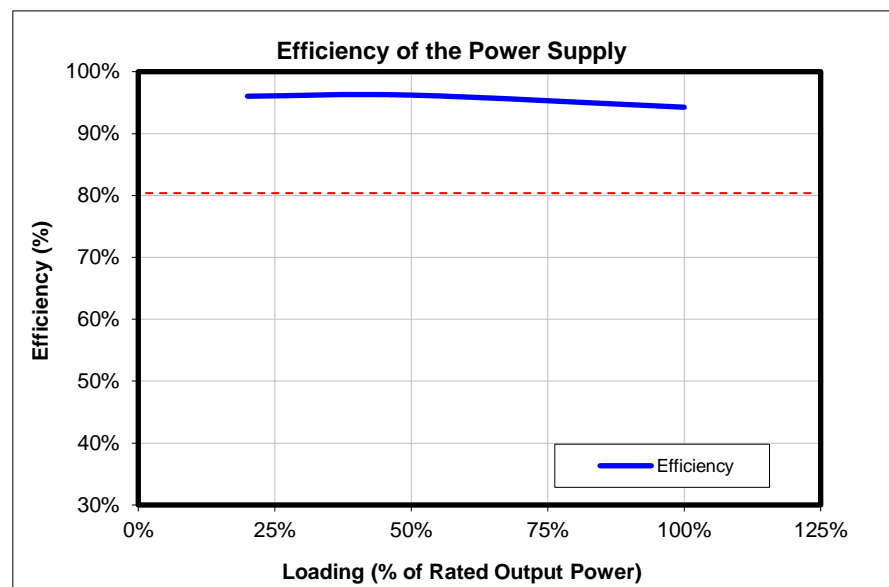
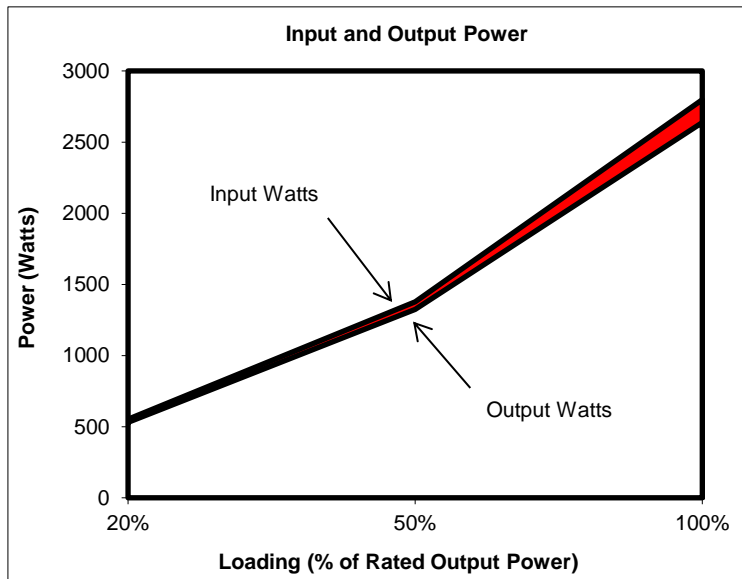
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	15.0-12.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	2,600	Watts

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

Input AC Current Waveform (ITHD = 3.43%, 50% Load)

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	12Vsb		
1.34	0.92	10.15%	10%	Low	284	1.08	12.22/21.4	12/0.35	266	93.52%
2.47	0.97	9.15%	20%	Light	553	1.08	12.21/42.77	11.97/0.69	531	96.03%
6.01	0.99	3.43%	50%	Typical	1376	2.40	12.18/106.93	11.91/1.74	1324	96.21%
12.18	1.00	1.82%	100%	Full	2798	24.60	12.13/213.94	11.84/3.47	2637	94.25%

* 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/>