

80 PLUS Verification and Testing Report

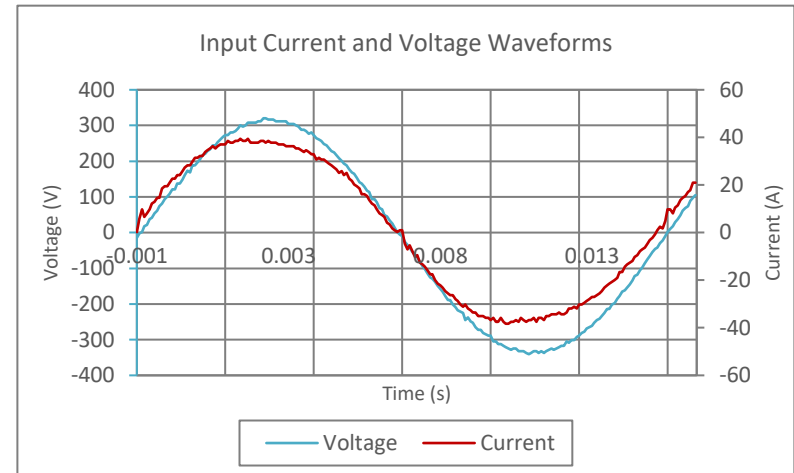
TYPICAL EFFICIENCY (50% Load):	94.98%
AVERAGE EFFICIENCY :	93.96%
80 PLUS COMPLIANT:	YES



ID Number	SO-1504.2
Manufacturer	Chicony Power Technology Co., Ltd.
Model Number	R18-1K2P1SA
Serial Number	F391541845000001
Year	2019
Type	1U
Test Date	01/31/19

Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	13/7	Amps
Input Frequency	50-60	Hz
Rated Output Power	1,200	Watts

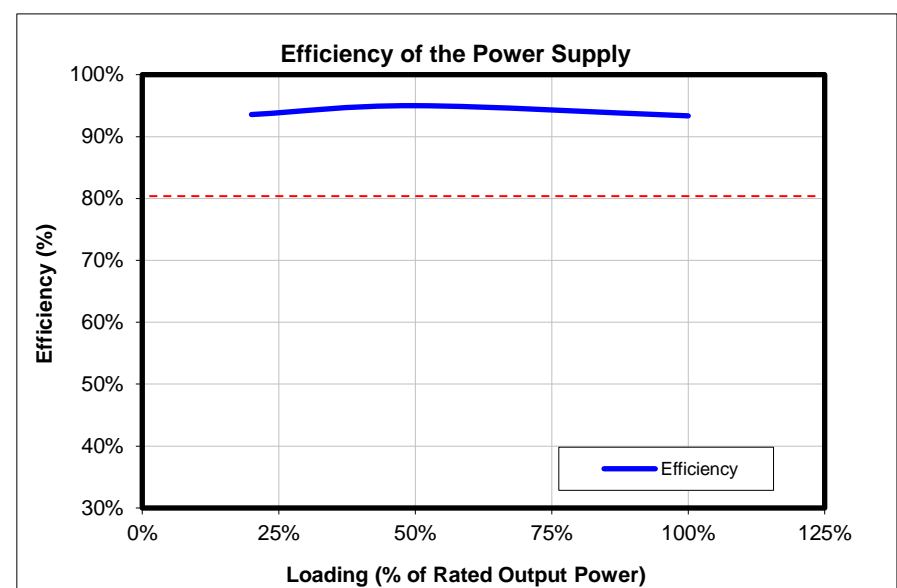
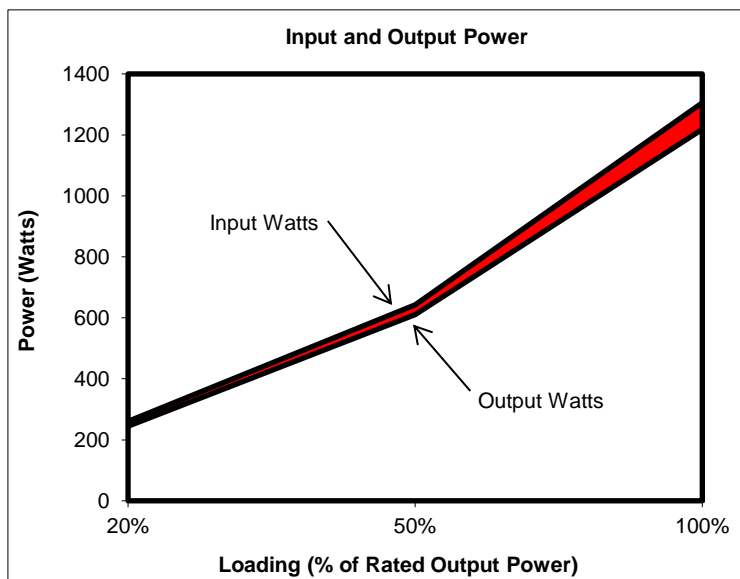
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.97%, 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
							12.2V	12Vsb		
0.63	0.94	14.70%	10%	Low	135	2.76	12.37/9.61	12.11/0.25	122	90.34%
1.15	0.98	8.46%	20%	Light	261	2.88	12.37/19.23	12.08/0.5	244	93.55%
2.81	0.99	4.97%	50%	Typical	642	3.00	12.37/48.07	12.36/1.26	610	94.98%
5.68	1.00	2.08%	100%	Full	1305	2.88	12.35/96.12	12.34/2.51	1218	93.34%

* 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/>

