

80 PLUS Verification and Testing Report

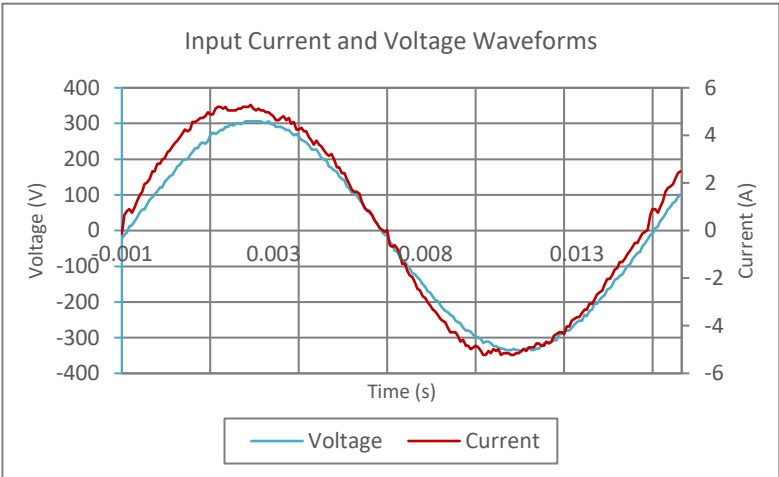
TYPICAL EFFICIENCY (50% Load):	95.04%
AVERAGE EFFICIENCY :	94.05%
80 PLUS COMPLIANT:	YES



ID Number	SO-1468.1
Manufacturer	Chicony Power Technology Co., Ltd
Model Number	R18-1K6P1WA
Serial Number	F391581816000108
Year	2018
Type	1U
Test Date	11/07/18

Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	13/9.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1,600	Watts

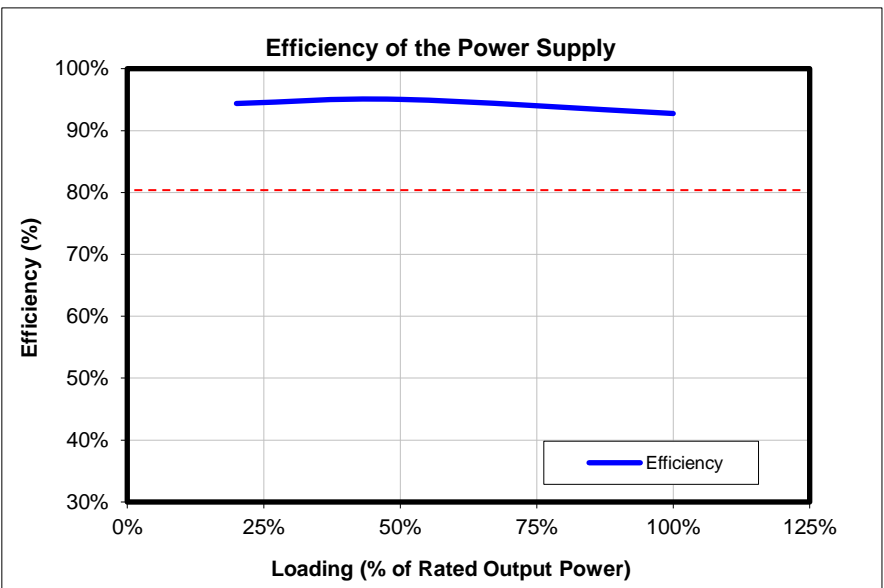
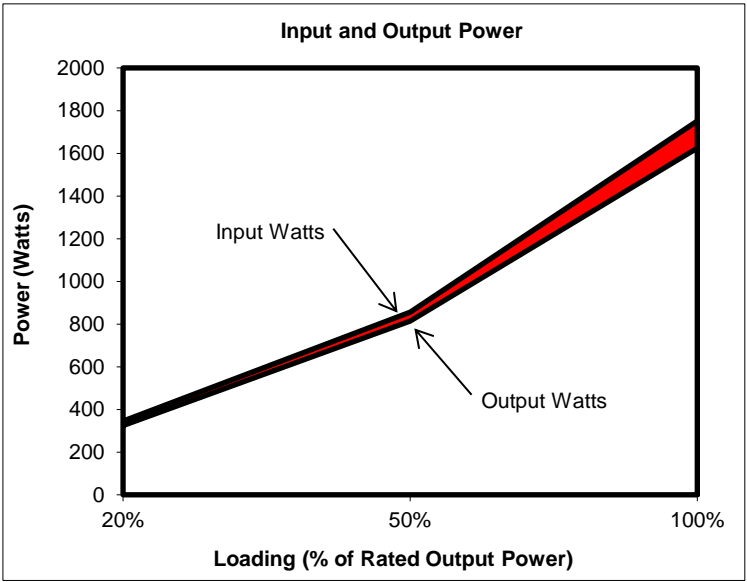
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.68%, 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		
0.80	0.96	11.23%	10%	Low	177	3.72	12.38/12.89	12.08/0.25	163	91.81%
1.52	0.99	8.48%	20%	Light	345	3.72	12.38/25.8	12.06/0.5	325	94.37%
3.73	1.00	3.68%	50%	Typical	856	3.72	12.37/64.49	12.36/1.26	813	95.04%
7.63	1.00	2.25%	100%	Full	1751	5.40	12.35/128.98	12.34/2.51	1624	92.75%

* 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/>

