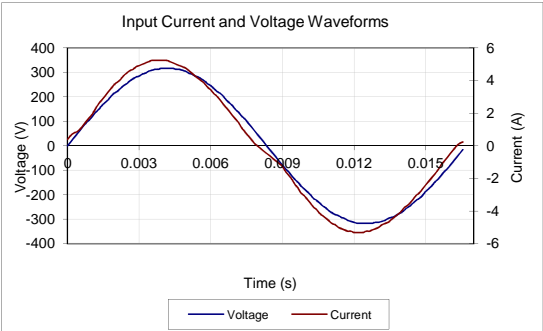


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.31%
AVERAGE EFFICIENCY :	93.09%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-602
Manufacturer	Chicony Power Technology Co., Ltd.
Model Number	R12-1K6P1A
Serial Number	1321X030095
Year	2013
Type	1U
Test Date	09/12/13



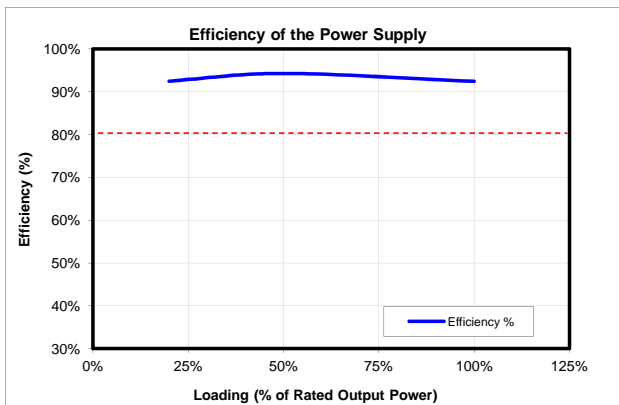
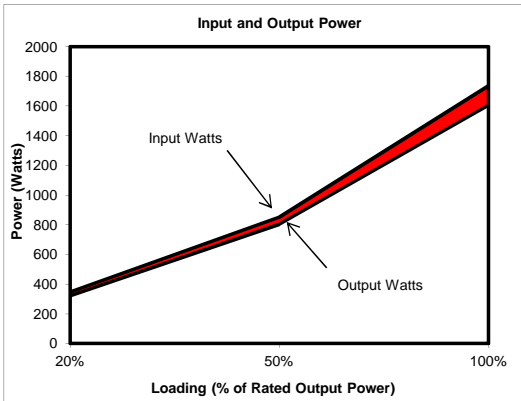
Input AC Current Waveform (ITHD = 5.99%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	12.9 - 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.

I _{RMS} A	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		
1.03	0.77	15.17	10%	Low	182	1.68	12.02/13.13	11.91/0.21	160	88.13%
1.69	0.89	8.04	20%	Light	347	1.68	12.02/26.3	11.91/0.42	321	92.50%
3.81	0.97	5.99	50%	Typical	852	2.16	12.02/65.78	11.89/1.04	803	94.31%
7.71	0.98	5.56	100%	Full	1736	4.08	12.02/131.49	11.85/2.08	1605	92.45%

* 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/>

