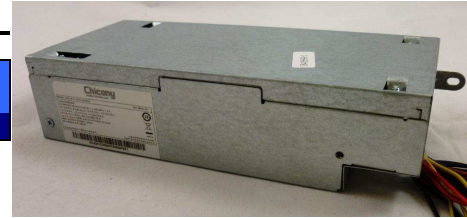
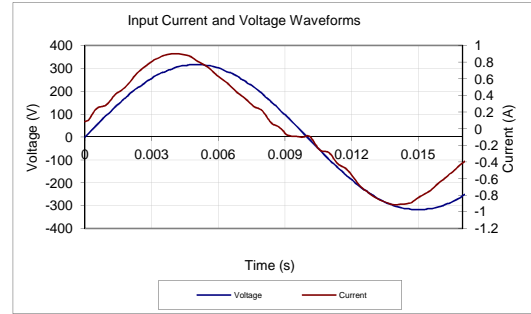


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.73%
AVERAGE EFFICIENCY :	84.87%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-007
Manufacturer	Chicony Power Technology Co., Ltd.
Model Number	D14-220P2A
Serial Number	DC2201C00540700050P9X1
Year	2014
Type	ATX12V
Test Date	5/8/14

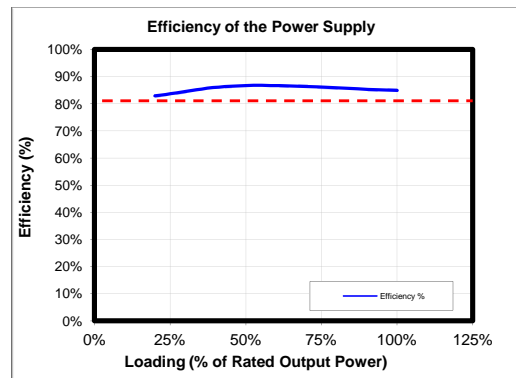
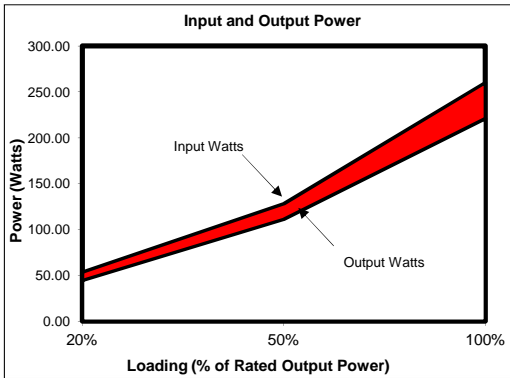


Input AC Current Waveform (ITHD = 15.1%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	220-240	Volts
Input Current	2	Amps
Input Frequency	47-63	Hz
Rated Output Power	220	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)						
0.18	0.73	28.25%	10%	29.76	12.2/1.3	11.9/0	3.3/0.5	5.1/0.6	5.1/0.2	22.41	75.29%
0.27	0.86	21.84%	20%	53.63	12.2/2.6	11.9/0.1	3.3/1	5/1.3	5.1/0.4	44.48	82.95%
0.58	0.95	15.10%	50%	128.33	12.1/6.6	12/0.1	3.3/2.5	5/3.1	5.1/1.1	111.31	86.73%
1.16	0.97	14.88%	100%	260.40	12.1/13.2	12.1/0.3	3.3/5	5/6.3	5/2.2	221.18	84.94%



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/>

