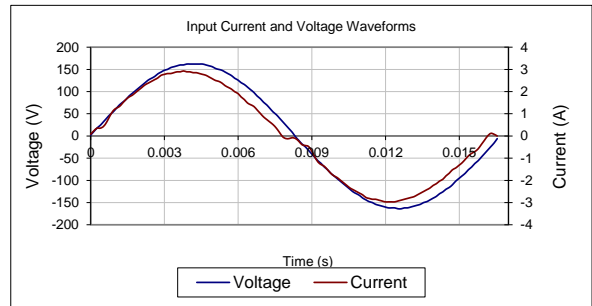


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.42%
AVERAGE EFFICIENCY :	86.14%
80 PLUS COMPLIANT:	YES



Ecos ID #	4174.1
Manufacturer	Akyga
Model Number	AK-U4-400
Serial Number	N/A
Year	2014
Type	ATX12V
Test Date	12/11/14

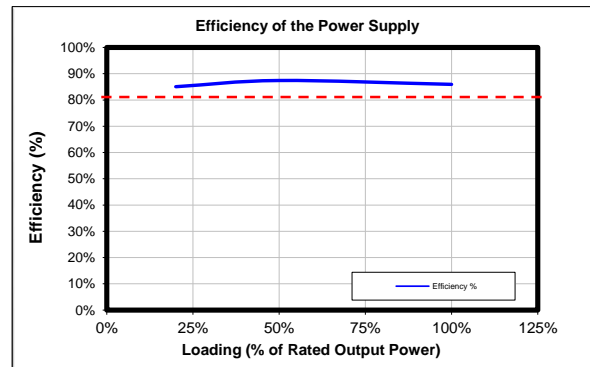
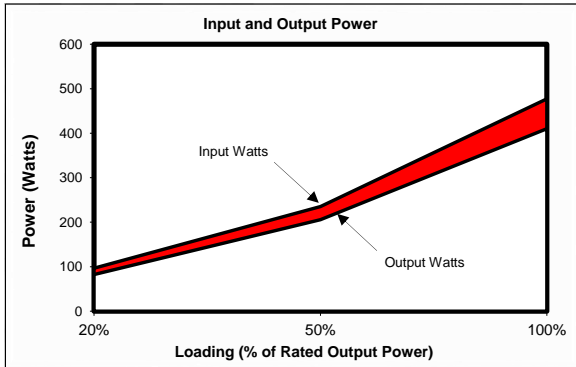


Input AC Current Waveform (ITHD = 6.74%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	230 / 115	Volts
Input Current	N/A	Amps
Input Frequency	50/60	Hz
Rated Output Power	400	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 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.)						
0.48	0.93	25.53%	10%	51.06	12.32/2.52	11.94/0.03	3.41/1.02	5.15/1.02	5.09/0.17	41.05	80.39%
0.86	0.98	9.60%	20%	96.81	12.33/5.08	11.94/0.05	3.4/2.04	5.14/2.03	5.08/0.34	82.34	85.05%
2.06	0.99	6.74%	50%	235.10	12.32/12.7	11.93/0.13	3.4/5.09	5.13/5.05	5.07/0.84	205.53	87.42%
4.17	1.00	7.14%	100%	477.20	12.3/25.41	11.94/0.25	3.39/10.16	5.12/10.1	5.05/1.69	410.13	85.94%



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/>

