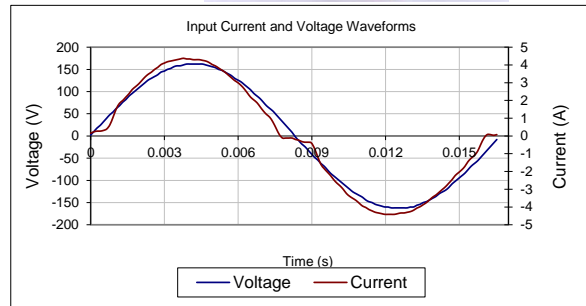


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>87.78%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.40%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4172.1
<b>Manufacturer</b>	Akyga
<b>Model Number</b>	AK-U4-600
<b>Serial Number</b>	N/A
<b>Year</b>	2014
<b>Type</b>	ATX12V
<b>Test Date</b>	12/12/14

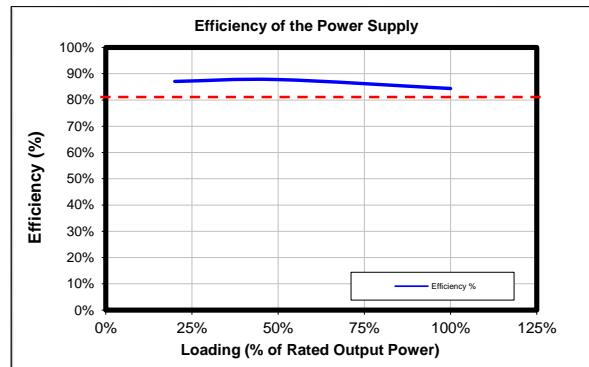
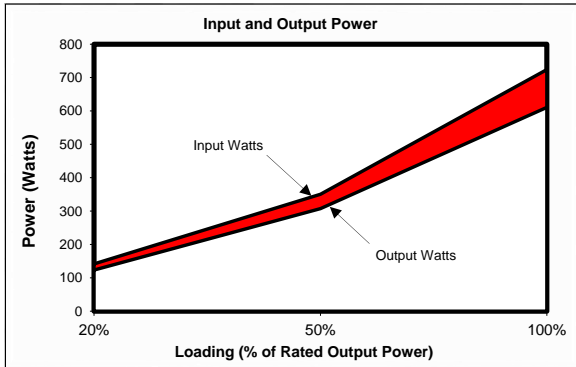


Input AC Current Waveform (ITHD = 10.18%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	230/115	Volts
Input Current	N/A	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>600</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %	
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V			5Vsb
0.66	0.98	11.27%	10%	74.02	12.3/4.12	11.38/0.03	3.41/1.13	5.14/1.13	5.14/0.23	61.86	83.57%
1.25	0.99	14.15%	20%	141.50	12.3/8.21	11.41/0.05	3.4/2.26	5.14/2.25	5.13/0.46	123.19	87.06%
3.07	0.99	10.18%	50%	350.20	12.27/20.54	11.45/0.14	3.4/5.65	5.13/5.61	5.1/1.14	307.40	87.78%
6.33	0.99	9.44%	100%	724.00	12.2/41.04	11.58/0.27	3.37/11.27	5.12/11.21	5.05/2.28	610.83	84.37%



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/>

