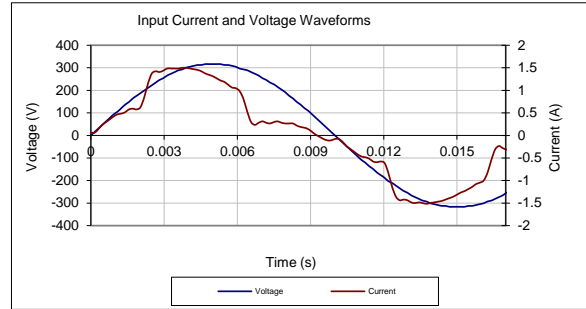


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>89.72%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>88.05%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	EU-237
<b>Manufacturer</b>	Akyga
<b>Model Number</b>	AK-U4-350
<b>Serial Number</b>	NA
<b>Year</b>	2016
<b>Type</b>	ATX12V
<b>Test Date</b>	7/11/16

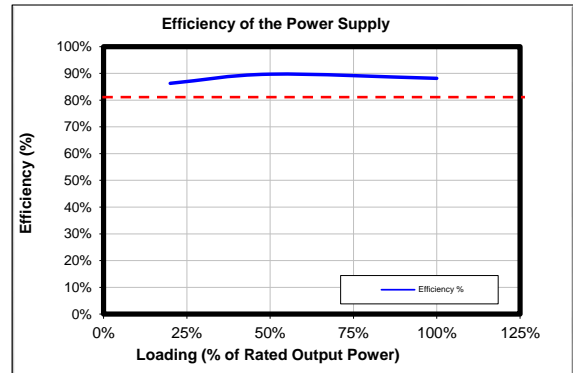
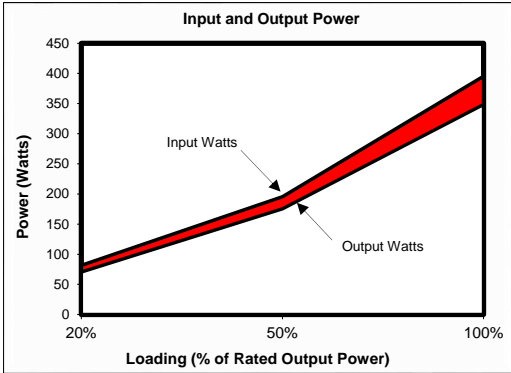


Input AC Current Waveform (I<sub>THD</sub> = 28.96%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	5	Amps
Input Frequency	50	Hz
<b>Rated Output Power</b>	<b>350</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 230 V nominal at 50 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		
0.28	0.69	62.03%	10%	44.12	12.05/2.1	11.67/0.03	3.35/1	5.05/1	5.16/0.2	35.12	79.61%
0.40	0.89	35.13%	20%	81.63	12.04/4.22	11.62/0.06	3.34/2.01	5.04/2	5.16/0.4	70.44	86.29%
0.92	0.92	28.96%	50%	195.54	12.01/10.56	11.61/0.15	3.32/5.02	5.02/4.98	5.13/1	175.43	89.72%
1.78	0.97	17.74%	100%	395.40	11.97/21.09	11.7/0.3	3.27/10.02	4.98/9.96	5.08/2	348.55	88.15%



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/>

