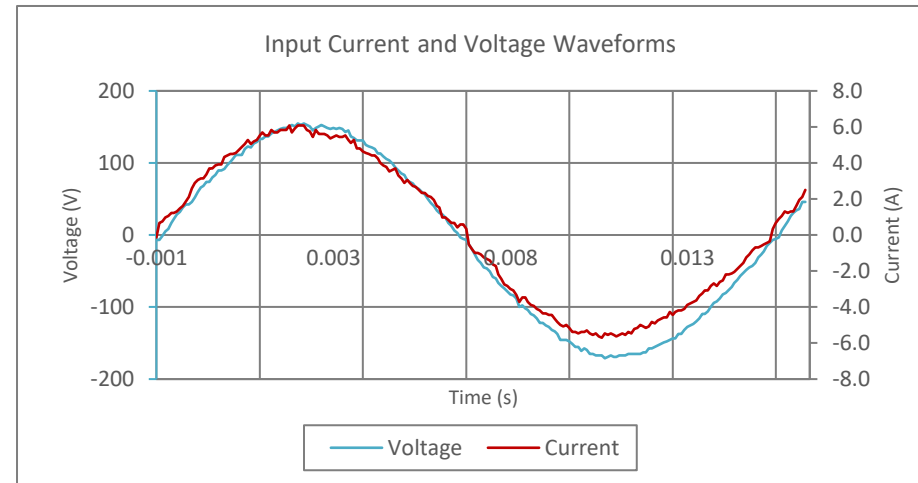


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>88.22%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.13%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



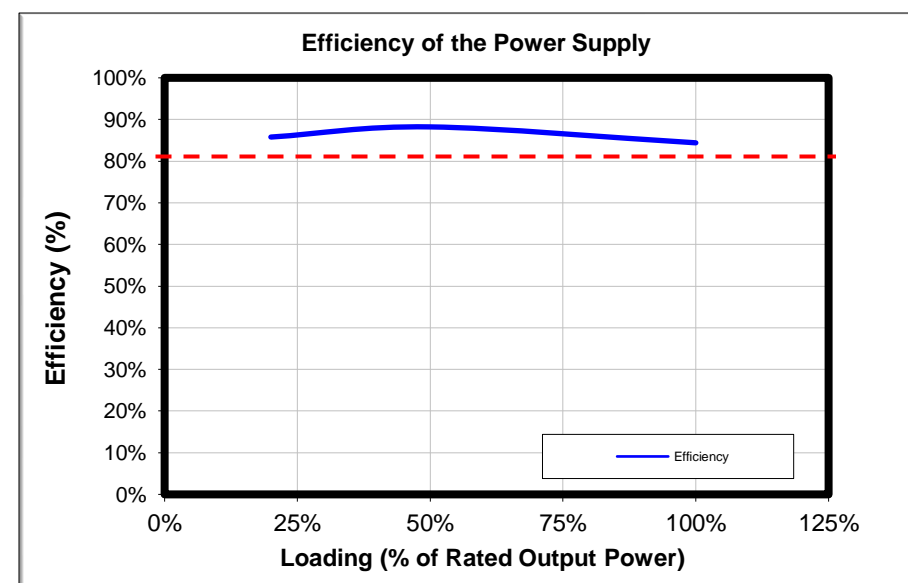
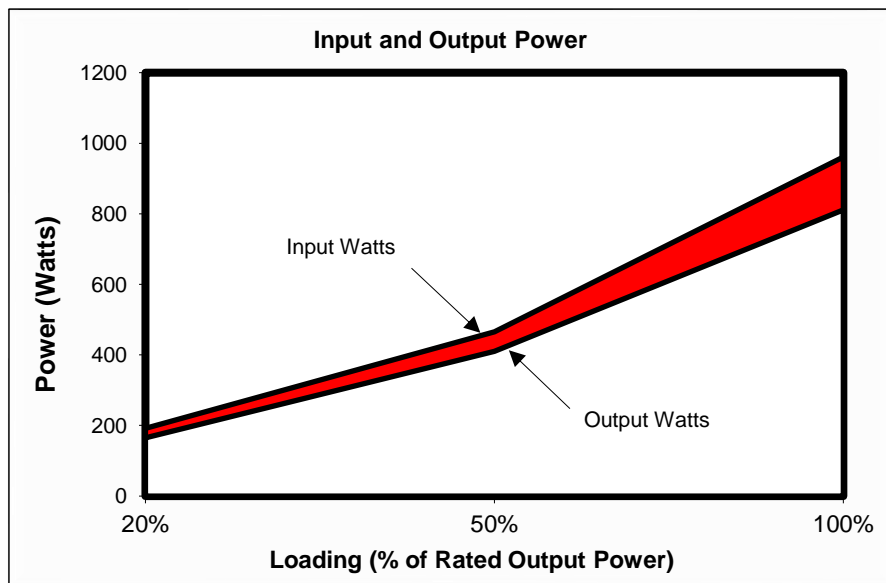
<b>ID Number</b>	5679.2
<b>Manufacturer</b>	Akyga
<b>Model Number</b>	AK-U4-800
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	ATX12V
<b>Test Date</b>	9/25/19



Rated Specifications	Value	Units
Input Voltage	115	Volts
Input Current	N/A	Amps
Input Frequency	60	Hz
<b>Rated Output Power</b>	<b>800</b>	<b>Watts</b>

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

I <sub>RMS</sub>	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
0.94	0.95	21.34%	10%	102.90	12.39/5.66	11.9/0.03	3.39/1.28	5.08/1.28	5.12/0.25	82.56	80.23%
1.72	0.97	15.55%	20%	192.70	12.37/11.37	11.85/0.06	3.38/2.55	5.07/2.53	5.1/0.5	165.30	85.78%
4.09	0.99	4.72%	50%	465.50	12.31/28.38	11.85/0.15	3.35/6.38	5.03/6.33	5.04/1.24	410.66	88.22%
8.53	0.98	4.93%	100%	961.00	12.18/56.71	11.85/0.3	3.29/12.77	4.97/12.63	4.86/2.48	811.10	84.40%



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/>