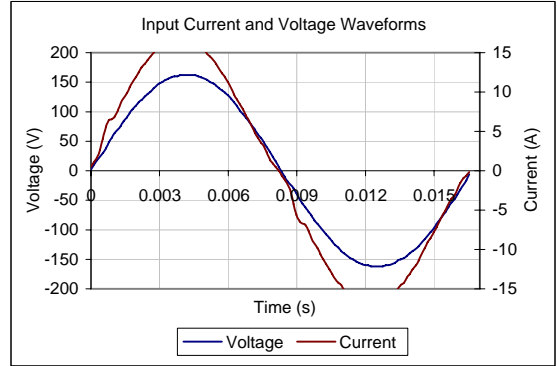


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.71%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.79%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	568
<b>Manufacturer</b>	Tagan
<b>Model Number</b>	BZ1100
<b>Serial Number</b>	TD70860202
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	2/28/2008

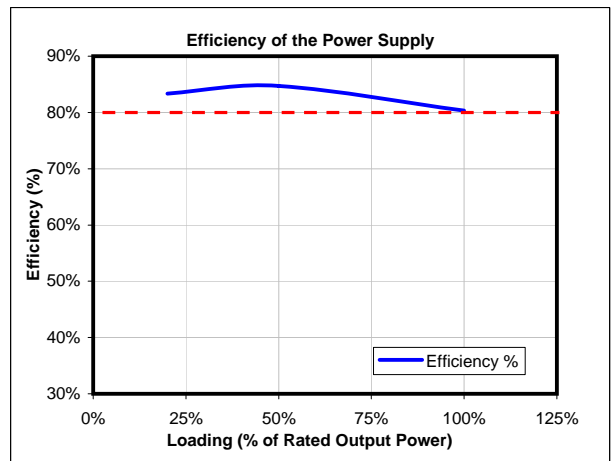
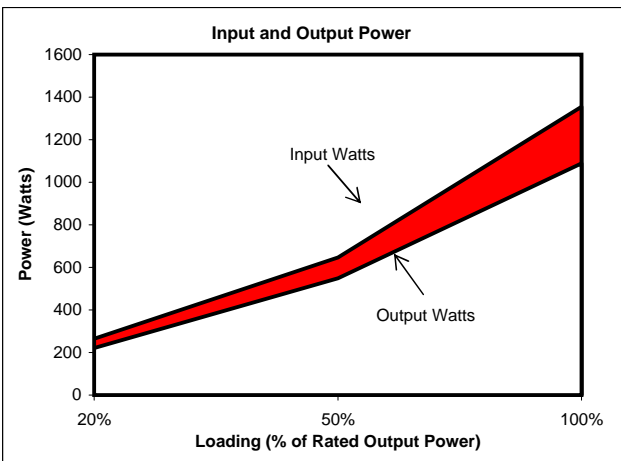


Input AC Current Waveform (ITHD = 7.83%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	15	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>1100</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of 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
2.41	0.96	18.2%	20%	Light	265	12/15	11.4/0.2	3.3/3.5	5/4.1	5.1/1.1	221	83.33%
5.69	0.99	7.8%	50%	Typical	647	11.9/37.7	11.5/0.5	3.3/8.8	4.9/10.1	5/2.9	548	84.71%
11.86	1.00	3.6%	100%	Full	1355	11.9/75.2	11.8/0.9	3.2/17.5	4.9/20.3	4.7/5.7	1089	80.34%



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/>

