

# 80 PLUS Verification and Testing Report

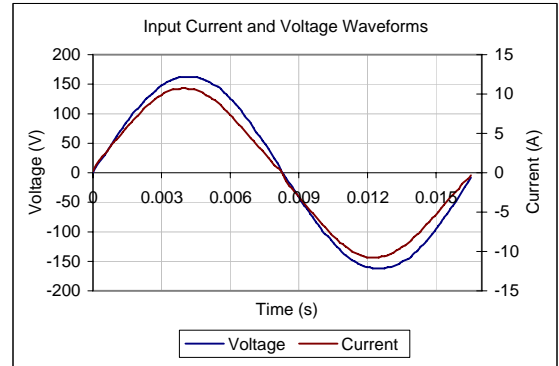


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.11%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>83.07%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	565
<b>Manufacturer</b>	Tagan
<b>Model Number</b>	BZ700
<b>Serial Number</b>	TD70860209
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	2/27/2008

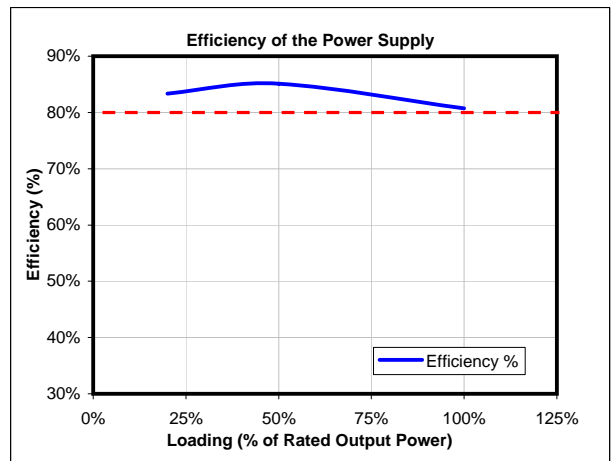
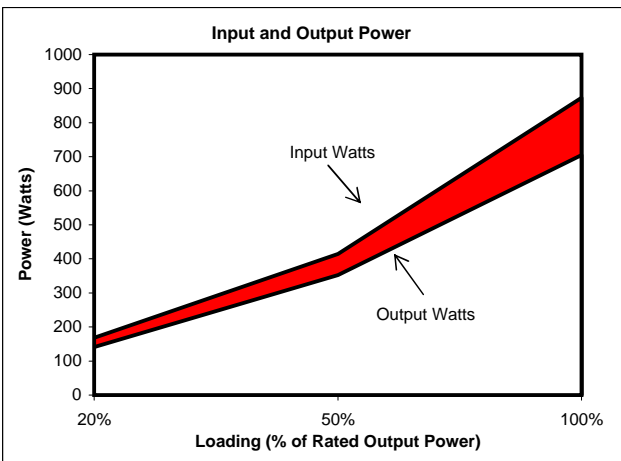
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>700</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 3.02%, 50% Load)

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
1.49	0.98	6.0%	20%	Light	169	12/9.4	12/0.1	3.3/2.8	5.1/2.8	5.1/0.5	141	83.37%
3.61	1.00	3.0%	50%	Typical	414	12.1/23.5	12.2/0.3	3.3/7	5/7.1	5/1.2	353	85.11%
7.60	1.00	3.1%	100%	Full	873	12.1/47	12.5/0.6	3.2/14.1	4.9/14.1	4.8/2.4	705	80.73%



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/>

