

80 PLUS Verification and Testing Report

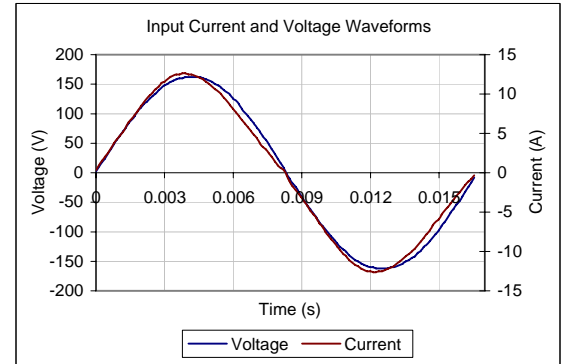
TYPICAL EFFICIENCY (50% Load): 84.99%
AVERAGE EFFICIENCY : 82.97%
80 PLUS COMPLIANT: YES



Ecos ID #	566
Manufacturer	Tagan
Model Number	BZ800
Serial Number	TD70860206
Year	2008
Type	ATX12V
Test Date	2/28/2008

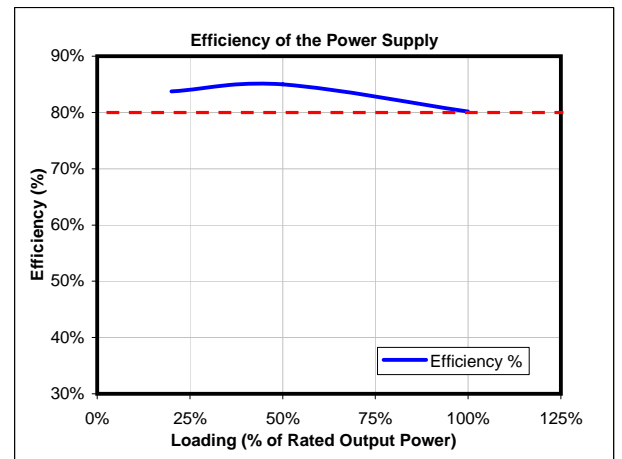
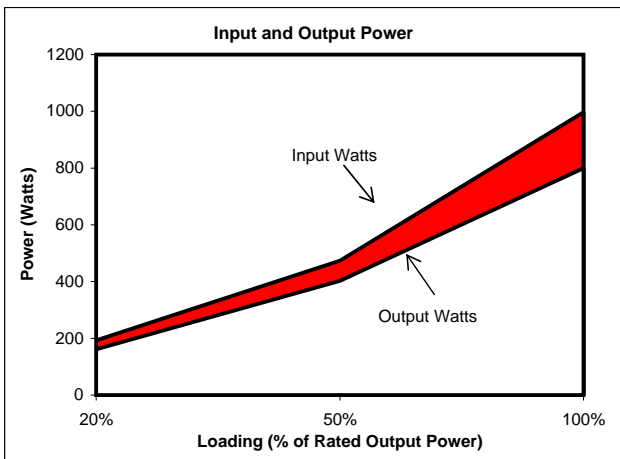
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	12	Amps
Input Frequency	50/60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 5.52%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	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		
1.70	0.99	5.8%	20%	Light	193	12.1/10.7	12.1/0.1	3.3/3.4	5/3.4	5.1/0.5	162	83.75%
4.13	0.99	5.5%	50%	Typical	473	12.1/26.7	12.1/0.3	3.2/8.5	4.9/8.5	5/1.2	402	84.99%
8.69	1.00	5.2%	100%	Full	997	12.1/53.4	12.3/0.6	3.1/17	4.8/17	4.8/2.4	799	80.19%



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/>

