

80 PLUS Verification and Testing Report

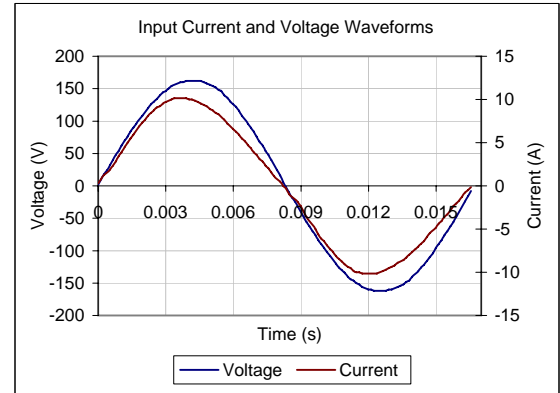
TYPICAL EFFICIENCY (50% Load): 86.37%
AVERAGE EFFICIENCY : 84.35%
80 PLUS COMPLIANT: YES



Ecos ID #	1111
Manufacturer	TAGAN
Model Number	TG680-U33II
Serial Number	C97330003
Year	2008
Type	ATX12V & EPS12V
Test Date	11/5/2008

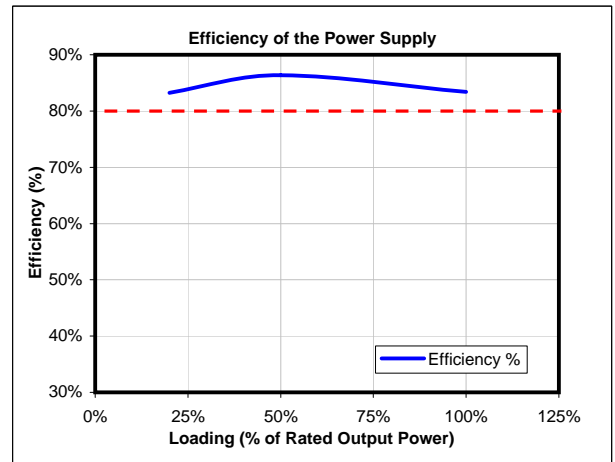
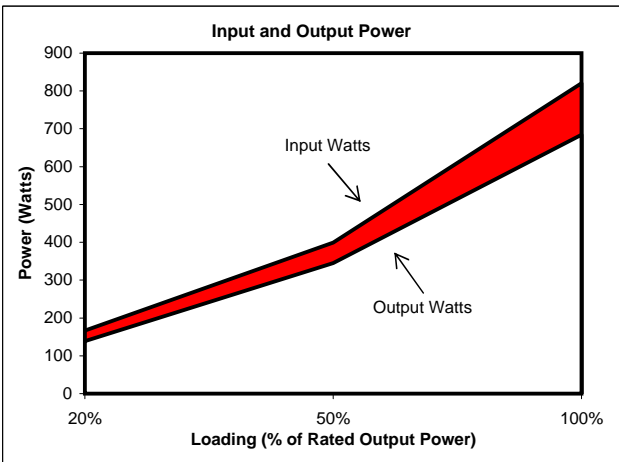
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	680	Watts

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



Input AC Current Waveform (ITHD = 4.14%, 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		
1.46	0.99	4.5%	20%	Light	166	12.2/8.7	11.8/0.1	3.4/3.2	5.1/3.4	5.1/0.6	139	83.24%
3.49	1.00	4.1%	50%	Typical	399	12.1/21.8	11.9/0.2	3.4/8	5.1/8.6	5/1.6	345	86.37%
7.16	1.00	5.5%	100%	Full	821	12/43.4	12.1/0.4	3.4/16	5.1/17.2	5/3.1	685	83.43%



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/>

