

80 PLUS Verification and Testing Report

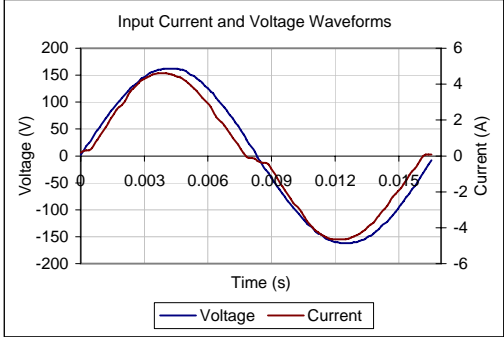
TYPICAL EFFICIENCY (50% Load):	85.62%
AVERAGE EFFICIENCY :	84.05%
80 PLUS COMPLIANT:	YES



Ecos ID #	1214
Manufacturer	3Y POWER
Model Number	YM5301G
Serial Number	N/A
Year	2009
Type	FLEX ATX1U
Test Date	1/7/2009

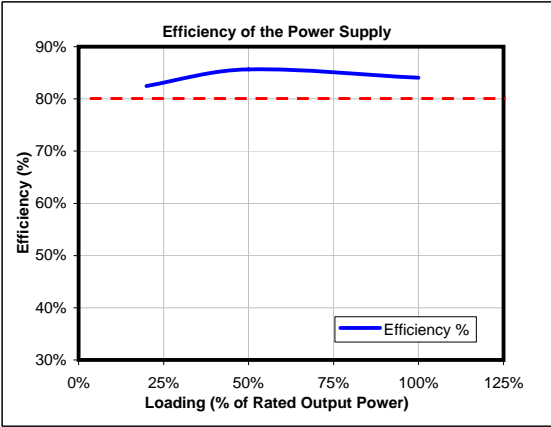
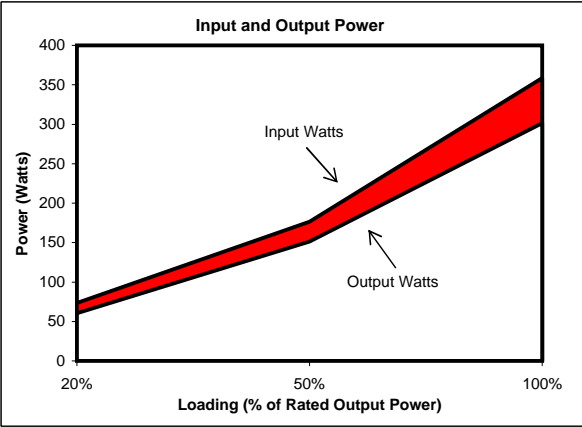
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 10.15%, 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
0.64	0.99	7.7%	20%	Light	74	12.1/3.4	12/0	3.4/1.9	5.1/2	4.9/0.6	61	82.47%
1.55	0.99	10.2%	50%	Typical	177	12.1/8.4	12/0.1	3.3/4.8	5.1/5.1	4.9/1.4	151	85.62%
3.14	0.99	11.6%	100%	Full	359	12.1/16.7	12/0.2	3.3/9.7	5/10.2	4.9/2.8	301	84.06%



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/>

