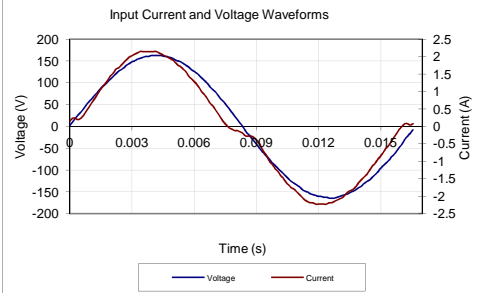


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.58%
AVERAGE EFFICIENCY :	86.64%
80 PLUS COMPLIANT:	YES



Ecos ID #	3112
Manufacturer	3Y Power Technology
Model Number	YM-5301J
Serial Number	TA000G791216000002
Year	2012
Type	FLEX ATX
Test Date	4/30/2012

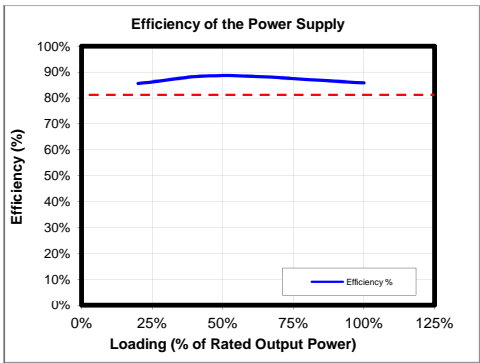
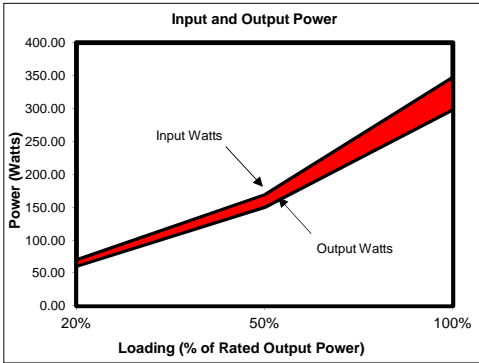


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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

Input AC Current Waveform (ITHD = 12.55%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %	
					12V (cumulative of 12V1, 12V2, etc.)						
0.35	0.93	23.89%	10%	37.73	11.9/1.7	12/0	3.3/1	5/1	4.9/0.3	30.05	79.63%
0.62	0.98	8.70%	20%	70.23	11.9/3.3	12/0	3.3/1.9	5/2.1	4.9/0.6	60.09	85.56%
1.49	0.99	12.55%	50%	169.21	12/8.4	12.1/0.1	3.3/4.8	5/5.1	4.9/1.4	149.88	88.58%
3.05	0.99	11.30%	100%	347.70	12/16.7	12.1/0.2	3.3/9.7	4.9/10.3	4.9/2.8	298.23	85.77%



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/>

