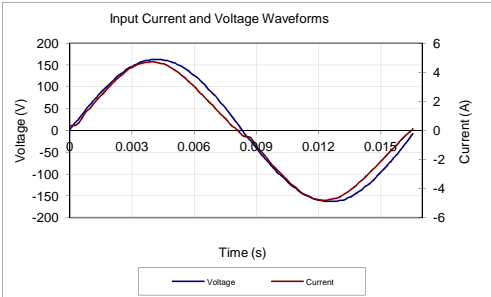


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.98%
AVERAGE EFFICIENCY :	88.86%
80 PLUS COMPLIANT:	YES



Ecos ID #	3176
Manufacturer	3Y Power Technology
Model Number	YM-5661A
Serial Number	TP030F831221000002
Year	2012
Type	1U
Test Date	6/21/2012

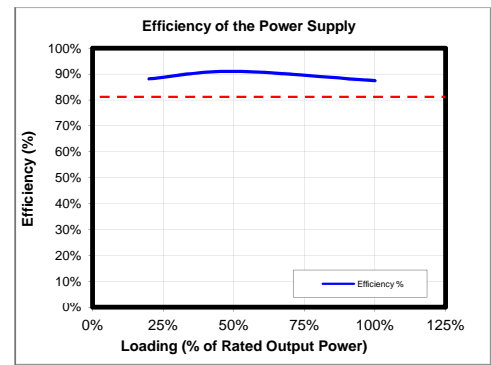
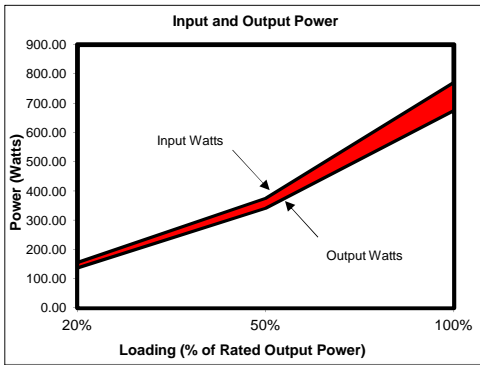


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	680	Watts

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

Input AC Current Waveform (ITHD = 7.35%, 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.)						
0.75	0.96	26.90%	10%	82.88	12/4.2	11.6/0	3.3/0.8	5.1/2.7	4.9/0.3	68.41	82.54%
1.38	0.98	19.22%	20%	155.57	12/8.4	11.6/0.1	3.3/1.5	5.1/5.3	4.9/0.6	137.12	88.14%
3.27	1.00	7.35%	50%	375.00	12/21	11.5/0.2	3.3/3.8	5.1/13.3	4.9/1.5	341.17	90.98%
6.72	1.00	5.39%	100%	771.30	11.9/41.9	11.6/0.4	3.2/7.6	5/26.6	4.8/3	674.62	87.47%



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/>

