

80 PLUS Verification and Testing Report

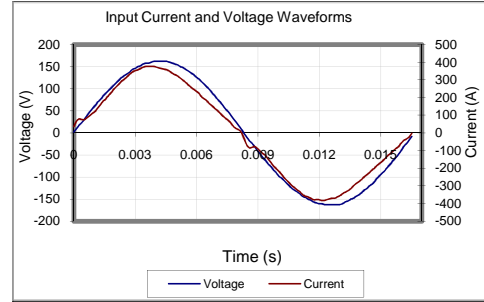
TYPICAL EFFICIENCY (50% Load):	86.43%
AVERAGE EFFICIENCY :	84.74%
80 PLUS COMPLIANT:	YES



Ecos ID #	2131
Manufacturer	3Y POWER TECHNOLOGY
Model Number	YM-5501D
Serial Number	TP000C261023000001
Year	2010
Type	1U
Test Date	6/30/2010

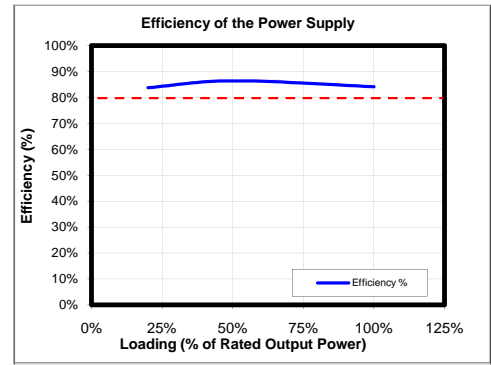
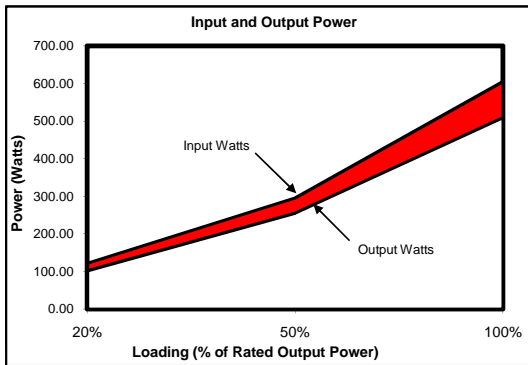
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 7.38%, 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.)						
1.08	0.98	7.67%	20%	Light	122.31	12.3/6	12.1/0.1	3.4/2.1	5.1/3.7	5/0.3	102.35	83.68%
2.58	1.00	7.38%	50%	Typical	295.90	12.3/15	12.1/0.2	3.4/5.3	5/9.3	5/0.8	255.75	86.43%
5.28	1.00	6.67%	100%	Full	606.10	12.3/30	12.2/0.4	3.4/10.6	5/18.5	5/1.7	509.69	84.09%



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/>

