

80 PLUS Verification and Testing Report

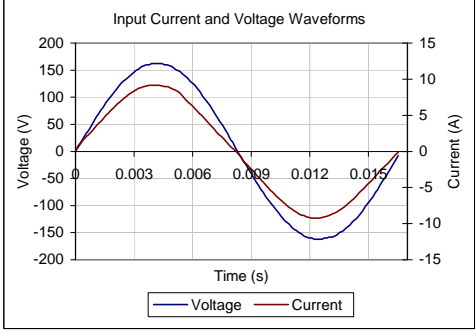
TYPICAL EFFICIENCY (50% Load):	85.07%
AVERAGE EFFICIENCY :	83.20%
80 PLUS COMPLIANT:	YES



Ecos ID #	1292
Manufacturer	3Y POWER TECHNOLOGY
Model Number	YM-5601B
Serial Number	TA000A080904000002
Year	2009
Type	EPS2U
Test Date	1/30/2009

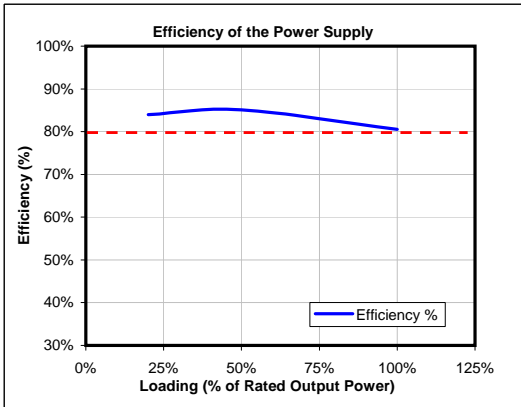
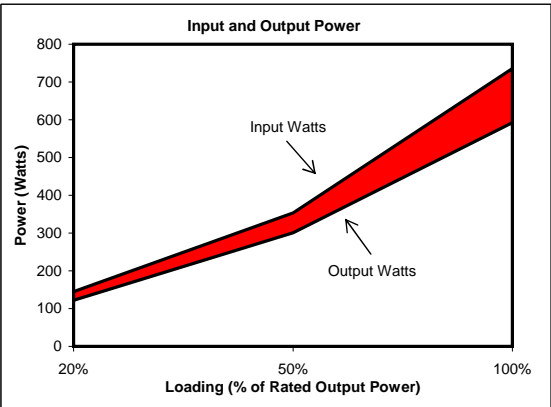
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	60-50	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 4.63%, 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		
1.27	0.9920	6.6%	20%	Light	145	12.2/7.8	11.5/0.1	3.3/2.9	5.1/2.9	5.1/0.4	122	83.99%
3.08	0.9971	4.6%	50%	Typical	354	12.1/19.4	11.5/0.2	3.2/7.3	5/7.3	5/1	301	85.07%
6.56	0.9752	4.2%	100%	Full	736	11.9/38.7	11.5/0.4	3.2/14.5	5/14.5	4.9/2	593	80.55%



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/>

