

# 80 PLUS Verification and Testing Report

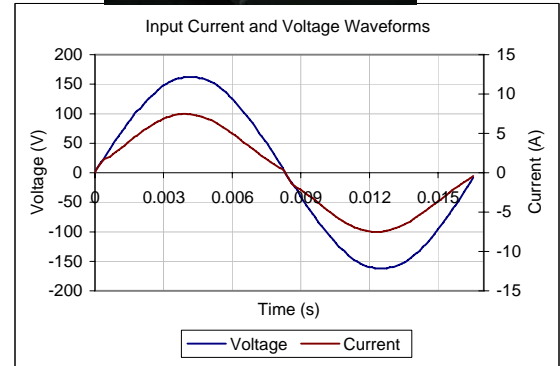


**TYPICAL EFFICIENCY (50% Load):** 86.24%  
**AVERAGE EFFICIENCY :** 84.54%  
**80 PLUS COMPLIANT:** YES

<b>Ecos ID #</b>	995
<b>Manufacturer</b>	3Y POWER
<b>Model Number</b>	YM-7501B
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	EPS12V
<b>Test Date</b>	10/23/2008

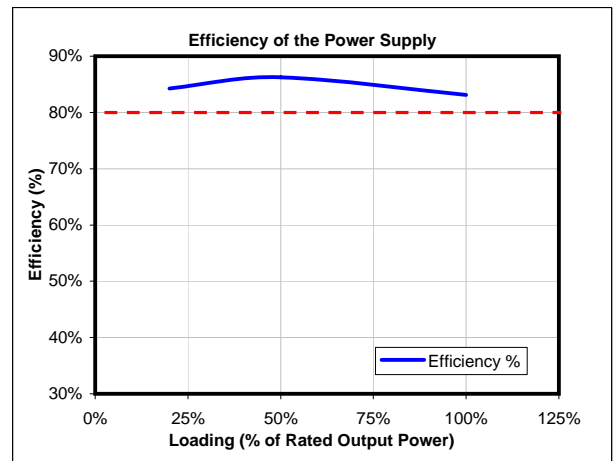
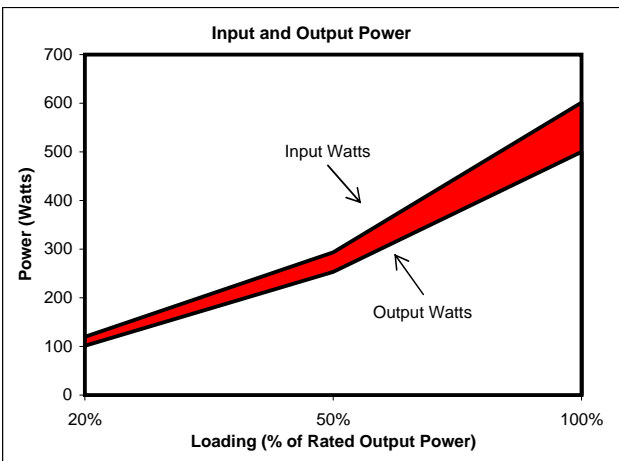
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	100-240	Hz
<b>Rated Output Power</b>	<b>500</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 4.33%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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
1.05	0.99	4.8%	20%	Light	120	12.2/6	11.4/0.1	3.3/3.4	5.1/2.8	5.1/0.4	101	84.28%
2.56	1.00	4.3%	50%	Typical	294	12.1/14.9	11.4/0.2	3.3/8.5	5.1/7.1	5/1.1	253	86.24%
5.24	0.99	4.3%	100%	Full	601	12/29.8	11.5/0.4	3.3/16.9	5/14.2	5/2.1	500	83.11%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS<sup>®</sup> 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/>

