

# 80 PLUS Verification and Testing Report

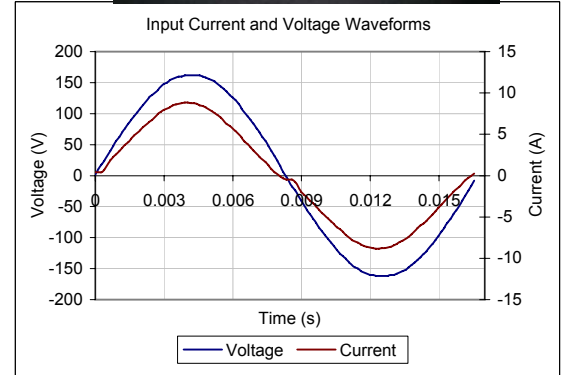


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.51%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.87%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	894
<b>Manufacturer</b>	3 Y POWER
<b>Model Number</b>	YM-5561A
<b>Serial Number</b>	FA0008930825000079
<b>Year</b>	2008
<b>Type</b>	EPS1U
<b>Test Date</b>	9/16/2008

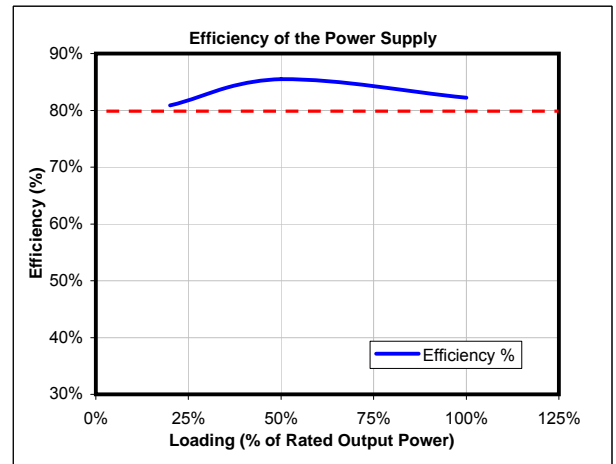
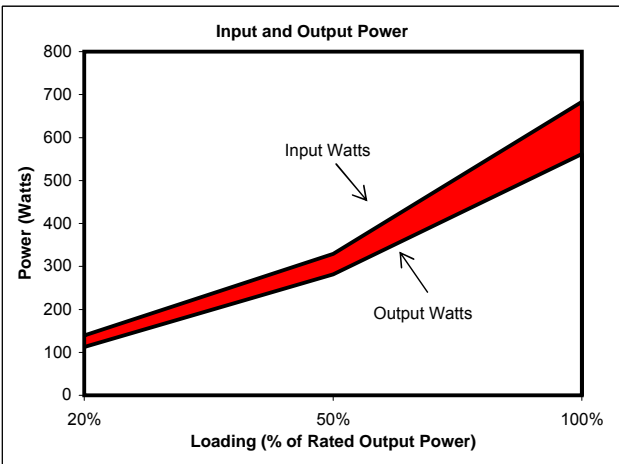
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8.5-4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>560</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 12.32%, 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		
1.24	0.97	19.4%	20%	Light	139	12.1/7.1	12/0.1	3.3/2.4	5.1/2.9	5/0.6	113	80.89%
2.90	0.99	12.3%	50%	Typical	330	12.1/17.7	12/0.3	3.3/6.1	5.1/7.3	5/1.5	282	85.51%
5.97	1.00	8.3%	100%	Full	683	12/35.4	12/0.6	3.3/12.2	5.1/14.6	5/3	562	82.22%



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/>

