

# 80 PLUS Verification and Testing Report

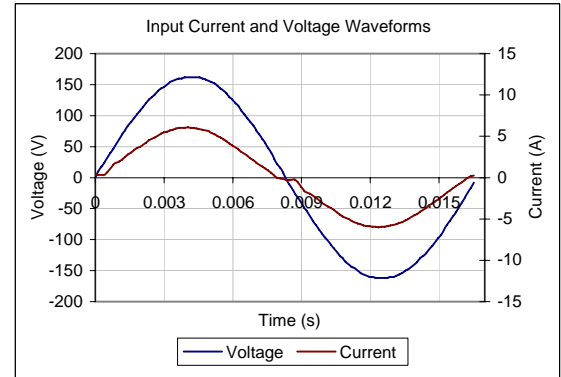


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>87.91%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>85.26%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	983
<b>Manufacturer</b>	3Y POWER TECHNOLOGY
<b>Model Number</b>	YM-6401F
<b>Serial Number</b>	TP0009350833000008
<b>Year</b>	2008
<b>Type</b>	EPS1U
<b>Test Date</b>	10/2/2008

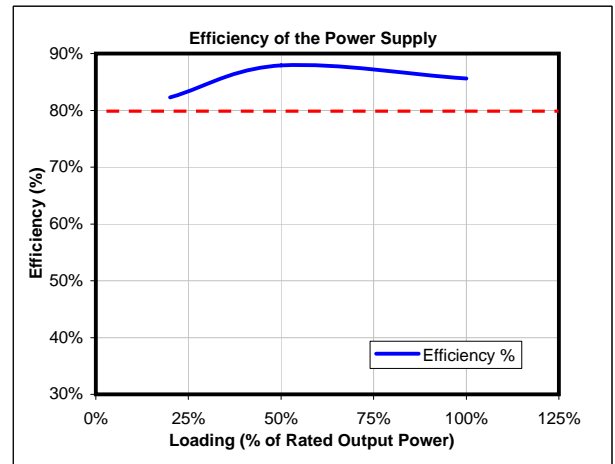
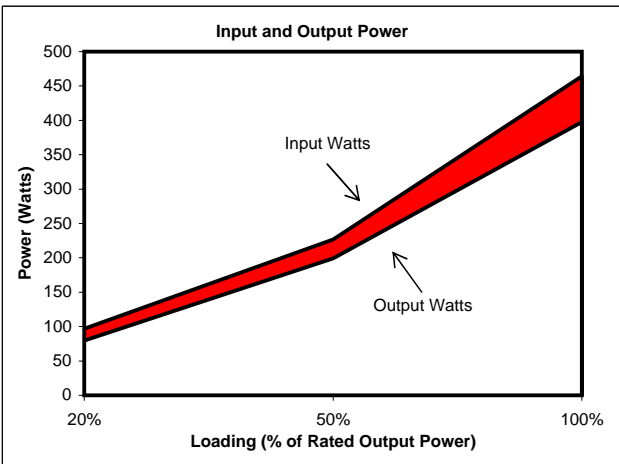
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>400</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 13.6%, 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		
0.86	0.98	21.1%	20%	Light	97	11.9/4.5	12.2/0.1	3.4/2.5	5/3.1	5.2/0.3	80	82.26%
2.00	0.99	13.6%	50%	Typical	227	11.9/11.2	12.2/0.2	3.4/6.2	5/7.8	5.1/0.8	199	87.91%
4.06	0.99	9.1%	100%	Full	464	11.9/22.3	12.2/0.4	3.3/12.5	4.9/15.6	5/1.6	397	85.62%



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/>

