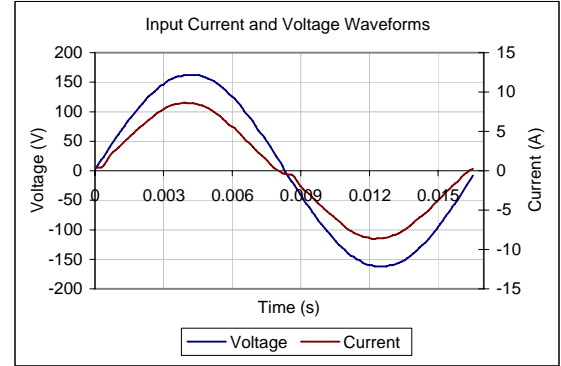


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.63%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.20%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	668
<b>Manufacturer</b>	SUPERMICRO
<b>Model Number</b>	PWS-561-1H
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	EPS1U
<b>Test Date</b>	5/14/2008

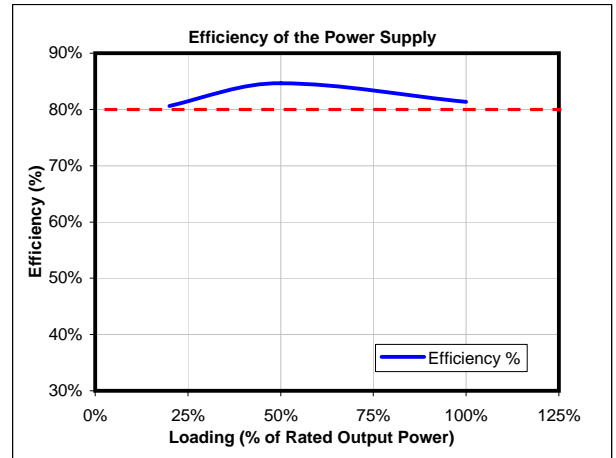
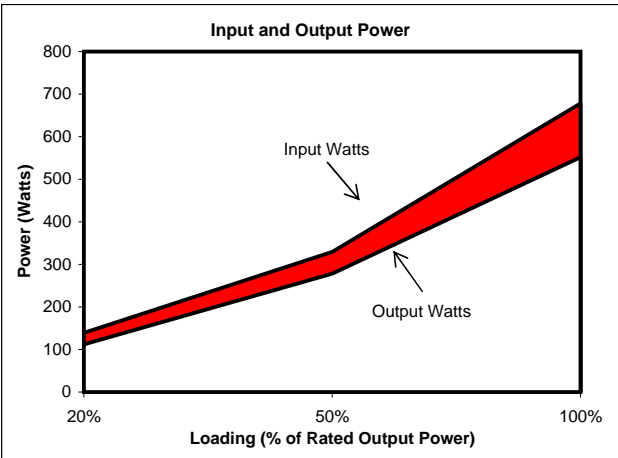


Input AC Current Waveform (ITHD = 12.06%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8.5	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.

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	19.9%	20%	Light	139	12/6.7	12/0.1	3.3/3	5.1/3.6	5/0.6	112	80.61%
2.89	0.99	12.1%	50%	Typical	329	12/16.6	12.1/0.3	3.3/7.5	5/8.9	4.9/1.5	279	84.63%
5.92	1.00	7.7%	100%	Full	678	11.9/33.2	12.1/0.6	3.2/15	4.8/17.9	4.8/3	552	81.35%



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/>

