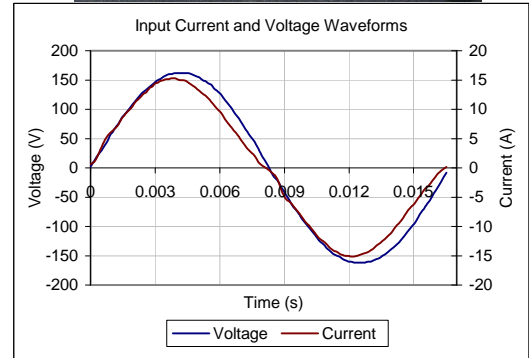


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>86.91%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>85.26%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	1174.2
<b>Manufacturer</b>	ICUTE TECH
<b>Model Number</b>	AP-1050 BR
<b>Serial Number</b>	N/A
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	12/3/2008

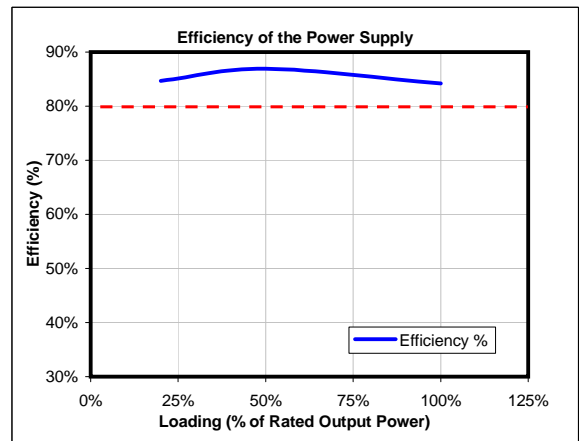
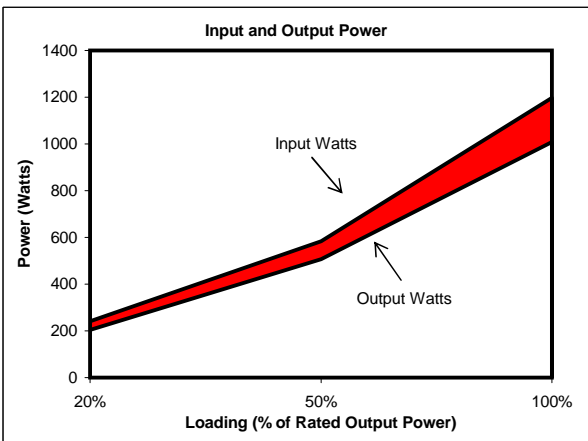


Input AC Current Waveform (ITHD = 9.29%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1000</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
2.22	0.94	17.6%	20%	Light	241	12.2/13.6	11.8/0.1	3.4/3.8	5.2/4	5.2/0.5	204	84.68%
5.16	0.98	9.3%	50%	Typical	584	12.1/34	11.9/0.4	3.4/9.4	5.1/10	5.1/1.4	507	86.91%
10.48	0.99	6.2%	100%	Full	1198	12.1/68	11.9/0.7	3.4/18.6	5.1/20.1	5.1/2.7	1008	84.17%



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/>

