

# 80 PLUS Verification and Testing Report

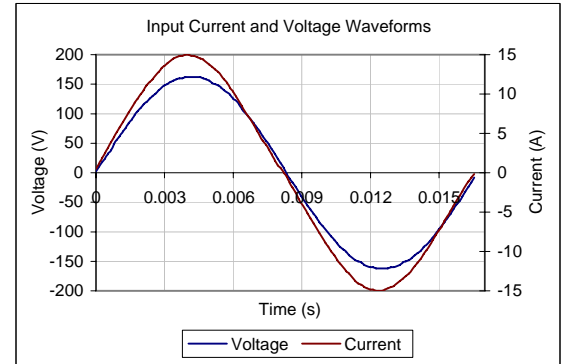
**TYPICAL EFFICIENCY (50% Load):** 83.99%  
**AVERAGE EFFICIENCY :** 81.95%  
**80 PLUS COMPLIANT:** YES



<b>Ecos ID #</b>	598
<b>Manufacturer</b>	CORSAIR
<b>Model Number</b>	CMPSU-1000HX
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V & EPS12V
<b>Test Date</b>	3/11/2008

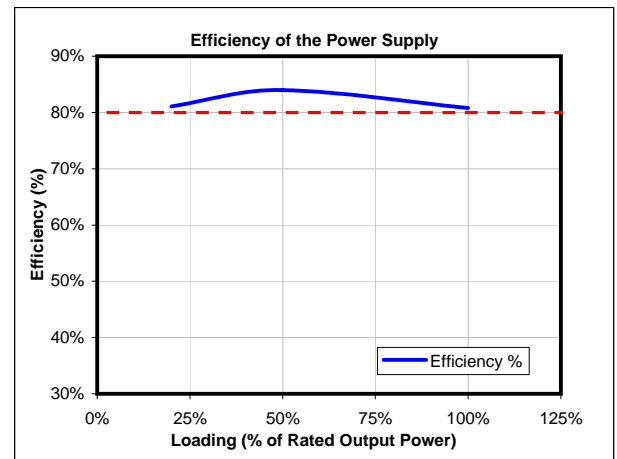
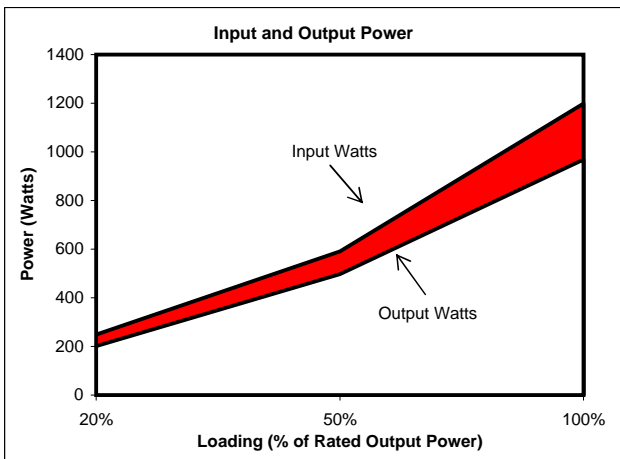
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>1000</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 5.38%, 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		
2.19	0.98	7.2%	20%	Light	248	12.1/13	12/0.2	3.3/4.8	5/4.8	4.9/0.7	201	81.06%
5.16	1.00	5.4%	50%	Typical	591	11.9/32.4	12.1/0.4	3.2/12	4.9/12	4.6/1.7	497	83.99%
10.44	1.00	4.0%	100%	Full	1199	11.7/64.7	12.2/0.8	3/23.8	4.7/24	4.5/3.4	968	80.80%



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/>

